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REVIEW OF IRON ORE STATISTICS

Iron ore statistics 1987-1994

Prepared by the UNCTAD secretariat

GE.95-52625

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INTRODUCTION

1. This document is issued under the UNCTAD statistical programme on minerals and metal statistics. It contains information, updated in as much as is possible, covering the period 1987-1994. With 29 tables and the same format as in the previous version, it also includes definitions and footnotes to facilite understanding of the statistics.

2. With a view to improve the quality and coverage of this publication, the UNCTAD secretariat introduced two new tables in this document: (i) a summary table providing totals for iron ore production, consumption, imports and exports; and (ii) a table with available data for lumps exports in 1993 and 1994.

3. Improvements to this document take into account the discussions held on statistical issues during past sessions of the Intergovernmental Group of Experts on Iron Ore, as well as their suggestions.

4. The present compilation of iron ore statistics is based primarily on the replies to the UNCTAD questionnaire on iron ore. The questionnaire was sent to all member States of UNCTAD and to the European Union Commission on 11 January 1995. As of 15 July 1995, some 30 countries in addition to the Commission had responded to the questionnaire. Their replies are summarized in the annex.

5. Data for countries which have not responded to the questionnaire were compiled on the basis of statistics available in the UNCTAD data bank, which collates data on production and trade of several commodities, and/or information directly supplied by governments in the form of magnetic tapes or national statistical publications to the United Nations Statistical Office. Relevant publications of other international organizations have been used to supplement these data.

6. Every possible attempt has been made to tabulate comparable statistics taking into account uniform criteria and commonly agreed upon definitions. Nevertheless, there is room for further improvements in this area. The regular and widespread use of the UNCTAD questionnaire has proved very useful and remains an important tool to this end.

7. Although complete geographical coverage of its statistics is a major aim of the secretariat, some tables in this document present original data based exclusively on replies to the questionnaire, and hence lack complete geographical coverage. It should be acknowledged, however, that a great number of countries did provide additional data.

EXPLANATORY NOTES

1. The following symbols are applicable to all tables:

   (a) The symbol "#" indicates that the data concerned have been supplied by governments in response to the questionnaire.

   (b) The symbol "-" indicates that the amount is nil or negligible.

   (c) The symbol ".." indicates that information is not available.

   (d) The letter "E" indicates that data have been estimated by the UNCTAD secretariat in the absence of data supplied by Governments and when data are not available from official national publications.

   (e) The term "tonnes" refers to metric tons.

   (f) The term "dollars" refers to United State dollars.

2. German reunification on 3 October 1990 increased the territory within the European Union, rendering statistical comparison with previous years difficult. In this report, statistics for Germany after 1990 represent the enlarged territory.

3. In order to facilitate statistical analysis, this report shows for the period 1991-1994 figures for the former USSR; however, since 26 December 1991 the name Russian Federation in place of the name Union of Soviet Socialist Republics is to be used in the United Nations. While the UNCTAD secretariat received some statistics from Estonia, Kazakhstan, Latvia, Moldova, Russian Federation, and Ukraine, these data are presented for information only and do not figure in the totals.

4. As South Africa has joined the Group of 77 in 1994, in this document this country appears in the African Group of developing countries.

5. As from 1993, data for the former Czechoslovakia are provided separately for the Czech Republic and Slovakia.

6. In order to facilitate statistical analysis, figures for China continue to be presented separately.

7. The Intergovernmental Group of Experts on Iron Ore noted the implementation in a large number of countries of the nomenclature of the *Harmonized Commodity Description and Coding System.* There is a close correlation between this system and the *Standard International Trade Classification* (SITC) of the United Nations. The table below gives the concordance between the five statistical international trade codes currently in use: *Standard International Trade Classification* (SITC, Rev.1), *Revised Standard International Trade Classification* (SITC Rev.2 and Rev.3), *Customs Co-operation Council Nomenclature* (CCCN), *and Harmonized Commodity Coding System* (HS).

Item	SITC Rev. 1	SITC Rev.2	SITC Rev.3	CCCN	HS
Iron ore and concentrated Non-agglomerated	2813	2815	2815	2601B	260111
Agglomerated (sinter, pellets, briquettes)	2813	2816	2816	2601C	260112
Pig iron in pigs, blocks or other primary forms	6712	6712	6712	7301	720110
Sponge iron or ferrous products obtained by direct reduction of iron ore (DRI)	67133	67133	6771	7305B	720310
Ferrous Scrap, or waste of cast iron (purchased scrap)	2820	28201	2821	7303A	720410

DEFINITIONS

Weight	***Natural***: natural state of extraction, normally wet.
Year	Statistics are presented for the ***calendar year*** from 1 January to 31 December.
Production	Ores, concentrates, non-agglomerates and agglomerates. ***Marketable*** products only.
Trade	Quantities of iron-ore traded by type of product in terms of ***natural weight*** and ***Fe content***. Value for exports: f.o.b. basis. Value for imports: c.i.f. basis.
Run of mine	***Marketable*** unprepared iron-ore with more than 20% fines.
Lumps	Unbeneficiated ***marketable*** ore, typically between 10 and 30mm. Usually less than 20% fines.
Fines	Small particles of ***marketable*** ore normally requiring agglomeration (sintering or pelletizing). Usually below 10mm.
Concentrates	***Marketable*** ore treated in concentration plant to retain valuable constituants and discard those of no commercial interest.
Pellet-feed	Iron ore fines for pelletizing. Usually very fine, below 0.1mm.
Pellets	Iron ore fines agglomerated into a rough ball shape typically 10mm in diameter.
Sinter	Agglomeration of natural ore fines, ore concentrates, flue dust and other bearing materials.
Ferrous scrap	Scrap high in Fe content used by the iron ore and steel industry.
Pig iron	Primary iron produced from iron ore in blast furnaces.
Sponge iron-ore or DRI	Primary iron produced through direct reduction without exceeding the melting temperature.
Crude steel	Measured at the first stage of solidification, except for liquid steel for casting.

COMPLEMENTARY SOURCES

Statistical Yearbook, and World Steel in figures,
International Iron and Steel Institute, Brussels.

Monthly Bulletin of Statistics,
United Nations, New York.

Monthly Report of the Iron and Steel Statistics,
Japan Iron and Steel Federation, Tokyo.

Siderurgia Latino-Americana,
Instituto Latino-Americano del Fierro y Acero, Santiago.

Direct from Midrex,
Midrex Corporation, North Carolina, United States.

SUMMARY TABLE, IRON ORES AND CONCENTRATES

(million tonnes, natural weight)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994
PRODUCTION								
World	930.5	958.0	983.2	974.0	948.2	914.6	938.3	970.7
Developed market economy countries	231.9	237.0	248.1	242.2	252.2	240.3	239.7	255.0
Developing countries and territories	297.7	312.6	326.3	323.1	318.8	301.9	308.4	339.2
Countries in eastern Europe	256.8	253.6	246.7	239.4	201.9	176.5	155.4	137.4
China	144.0	154.8	162.1	169.4	175.3	195.9	234.7	239.0
APPARENT CONSUMPTION								
World	931.5	952.7	971.4	977.4	937.9	919.2	923.5	954.6
Developed market economy countries	352.5	367.3	374.6	378.0	366.5	342.9	323.5	348.9
Developing countries and territories	153.5	155.0	165.1	167.1	173.5	180.7	177.9	192.6
Countries in eastern Europe	269.3	265.1	257.1	248.6	204.1	174.5	154.5	136.7
China	156.1	165.3	174.6	183.7	193.7	221.1	267.8	276.3
EXPORTS								
World	369.1	401.7	421.2	395.7	399.2	370.7	400.8	430.5
Developed market economy countries	140.5	157.8	166.2	151.0	169.5	160.8	172.3	184.0
Developing countries and territories	183.3	200.9	215.1	208.5	202.3	182.9	199.2	214.5
Countries in eastern Europe	45.4	43.1	39.9	36.3	27.4	27.0	29.3	32.0
IMPORTS								
World	370.1	396.4	409.4	399.2	388.8	375.3	386.1	414.4
Developed market economy countries	261.0	288.0	292.7	286.8	283.8	263.3	256.0	277.9
Developing countries and territories	39.1	43.3	54.0	52.5	57.0	61.8	68.7	67.9
Countries in eastern Europe	57.9	54.6	50.3	45.6	29.6	25.0	28.4	31.3
China	12.1	10.5	12.5	14.3	18.5	25.2	33.0	37.3

1. IRON ORE : Production[1]

(thousand tonnes, marketable ores, natural weight[2])

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
WORLD	**930514**	**958028**	**983156**	**973952**	**948249**	**914584**	**938259**	**970716**	**3.4**
DEVELOPED MARKET ECONOMY COUNTRIES	**231930**	**237039**	**248089**	**242160**	**252170**	**240310**	**239742**	**255050**	**6.4**
AMERICA	**84164**	**97924**	**99014**	**91491**	**92626**	**89362**	**87953**	**95391**	**8.5**
Canada	36520#	40409#	41142#	36033#	37111#	34449#	32292#	37009#	14.6
United States	47644	57515	57872	55458	55515#	54913#	55661#	58382#	4.9
EUROPE	**43143**	**40401**	**40614**	**36165**	**35239**	**31633**	**28060**	**28517**	**1.6**
European Union	*16598*	*14453*	*14083*	*11907*	*11582*	*8577*	*5723*	*4504*	*-21.3*
France	11566	9872#	9319#	8720#	7492#	5694#	3543#	2417#	-31.8
Germany	247	70#	102#	84#	118#	109#	100	-	-
Portugal	30	25	20	20E	-	-	-	-	-
Spain	4492#	4262#	4610#	3830#	3915#	2746#	2080#	2087#	0.3
United Kingdom	263	224#	32#	53#	57#	28#	-	-	-
Other Europe	*26545*	*25948*	*26531*	*24258*	*23657*	*23056*	*22337*	*24013*	*7.5*
Austria	3050#	2300#	2410#	2300#	2120#	1627#	1427#	1644#	15.2
Finland	648	557#	-	-	-	-	-	-	-
Norway	3140	2644#	2358#	2081#	2209#	2152#	2182#	2460	12.7
Sweden	19707	20447	21763#	19877#	19328#	19277#	18728#	19909#	6.3
ASIA	**295**	**278**	**251**	**208**	**40**	-	-	-	-
Japan	295	278	251	208	40	-	-	-	-
OCEANIA	**104328**	**98436**	**108210**	**114296**	**124265**	**119315**	**123729**	**131142**	**6.0**
Australia	101748#	96084#	105810#	112000#	122000	117215#	121429#	128662#	6.0
New Zealand	2580	2352#	2400E	2296#	2265#	2100E	2300E	2480	7.8
DEVELOPING COUNTRIES AND TERRITORIES	**297722**	**312604**	**326267**	**323069**	**318847**	**301873**	**308391**	**339228**	**10.0**
AFRICA	**52835**	**55229**	**61307**	**52859**	**47160**	**44202**	**44421**	**47957**	**8.0**
Algeria	3575#	3400E	2748#	2930#	2700#	2563#	2311	2400E	3.9
Egypt	2112#	2400#	2400	2420#	2371#	1978#	2409	2538#	5.4
Liberia	13806#	12808#	12300	3981	1200	1705	-	-	-
Mauritania	9120#	9782#	12114#	11416#	10194#	8262#	9565#	10443#	9.2
Morocco	204	117#	126#	50#	54#	71#	168#	55#	-67.3
South Africa	22008#	25247#	29958#	30291#	28952	28226#	29385#	32321#	10.0
Tunisia	290	226#	190#	191#	191#	189#	200#	200E	-
Zimbabwe	1720#	1249#	1471#	1580#	1498#	1208#	383#	-	-
AMERICA	**171788**	**185548**	**192671**	**192851**	**194300**	**182875**	**188876**	**213823**	**13.2**
Argentina	800	1162#	677#	444#	89#	3#	2#	2E	-
Bolivia	-	15#	14#	125#	102#	100E	95E	95E	-
Brazil	134105#	146000#	153743#	152303#	152121#	145864#	149973#	167810#	11.9
Chile	6131#	7295#	8112#	7811#	8691#	7643	7005#	8609	22.9
Colombia	615	615#	600	628#	607#	713	600	600E	-
Mexico	7374	7830#	7538#	8114#	9138	7643#	8000E	9200E	15.0
Peru 3	5567#	4158#	3935	3307#	3593#	2855	5722#	11409#	99.4
Venezuela	17196	18473#	18052#	20119#	19959#	18054#	17479#	16098	-7.9
ASIA	**67116**	**66284**	**67852**	**73227**	**75215**	**73496**	**74794**	**77198**	**3.2**
Democratic People's Republic of Korea	8000	8000	9000E	9500E	9500E	9500E	10000E	10000E	-
India	51335#	49961#	51434#	53702#	56884#	54872#	55608	57500E	3.4
Iran,Islamic Rep.	1800E	1900E	2630	3000E	3024#	3200E	3400E	4000E	17.6
Malaysia	161	209#	193#	348	384	320#	228	210	-7.9
Republic of Korea	510	672	344#	370#	290#	300E	260#	260	-
Syrian Arab Republic	..	..	..	20#	20E	20E	20E	-	-
Thailand	97	99	160	132	228	459#	208#	149#	-28.4
Turkey	5213#	5443#	4091#	6155#	4885#	4825#	5070#	5079#	0.2
EUROPE	**5983**	**5543**	**4438**	**4132**	**2172**	**1300**	**300**	**250**	**-16.7**
Yugoslavia (former)	5983	5543#	4438#	4132#	2172	1300E	300E	250E	-16.7

1. IRON ORE : Production[1]

(concluded)

(thousand tonnes, marketable ores, natural weight[2])

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
COUNTRIES IN EASTERN EUROPE	**256842**	**253605**	**246700**	**239373**	**201942**	**176463**	**155396**	**137396**	**-11.6**
Bulgaria	1857	1826	1813	1079#	858#	349#	452	800E	77.0
Czechoslovakia (former)	1798	1773	1780#	1710	1740	726#	-	-	-
Slovakia	..	..	..	-	-	-	600E	419#	-30.2
Poland	6	6	7	6E	5E	-	-	-	-
Romania	2281	2000#	2000#	578#	477E	388#	344#	177	-48.5
USSR (former)	250900	248000#	241300#	236000#	198862#	175000	154000	136000E	-11.7
of which									
Kazakhstan	..	..	..	-	-	-	12634#	-	-
Russian Federation	..	..	..	106800	90900	82100	76143	73302	-3.7
Ukraine	..	..	..	105866#	86813#	76000	65503	45000E	-31.3
CHINA [4]	**144020**	**154780**	**162100**	**169350**	**175290**	**195938**	**234730**	**239032**	**1.8**

1 Production includes ores, concentrates and iron ore agglomerated. Marketable products only.

2 Natural weight: natural state of extraction, normally wet.

3 Peru: dry weight until 1993.

5 China: low-grade crude ore, not usable as such.

2. IRON ORE : Production

(thousand tonnes, Fe content[1])

Region country or area	% Fe	1987	1988	1989	1990	1991	1992	1993	1994
WORLD	**55.7**	**518079**	**548962**	**565025**	**556068**	**537791**	**511820**	**520050**	**540796**
DEVELOPED MARKET ECONOMY COUNTRIES		**140355**	**144675**	**152790**	**148851**	**154319**	**145053**	**148672**	**158762**
AMERICA		**51926**	**60375**	**62597**	**57857**	**58576**	**56511**	**55418**	**60257**
Canada	63.1	23340#	25866#	26022#	22808#	23491	21806	20279	23360#
United States	63.2	28586	34509	36575	35049	35085	34705	35139	36897
EUROPE		**22044**	**21354#**	**21019#**	**19059#**	**18835#**	**17549#**	**16217**	**16895**
European Union		*5816*	*5152#*	*5124#*	*4057#*	*4067#*	*2836#*	*1964*	*1640*
France	29.0	3566	3119#	2945#	2650#	2255#	1594#	993#	701#
Germany	14.0	68	10#	14#	12#	17#	15#	14	-
Portugal	-	15	13#	10	10	10	-	-	-
Spain	46.0	2109#	1961#	2148#	1373#	1773#	1321#	957#	939#
United Kingdom	20.4	58	49#	7#	12#	12#	6#	-	-
Other Europe		*16228*	*16202*	*15895*	*15002*	*14768*	*14613*	*14253*	*15255*
Austria	32.6	976#	744#	781#	749#	691	511	458	536
Finland	-	402	373#	-	-	-	-	-	-
Norway	65.0	2041	1692#	990#	1352#	1436#	1399#	1418#	1599#
Sweden	65.9	12809	13393#	14124#	12901#	12641#	12703#	12377	13120
ASIA		**168**	**158**	**136**	**112**	**22**	**22**	-	-
Japan	54.0	168	158	136	112	22	22	-	-
OCEANIA		**66217**	**62788**	**69038**	**71823**	**76886**	**70971**	**77037**	**81610**
Australia	62.4	64798#	61494#	67718#	70560#	75640	69771	75772	80246
New Zealand	55.0	1419	1294	1320	1263#	1246	1200	1265	1364
DEVELOPING COUNTRIES AND TERRITORIES		**187639**	**199506**	**209288**	**205136**	**201770**	**192640**	**196122**	**218098**
AFRICA		**33547**	**35156#**	**38808**	**33223**	**29915**	**27822**	**28115**	**30335**
Algeria	50.0	1691	1598	1429#	1524#	1404	1282	1156	1200
Egypt	53.0	1120#	1250#	1250	1287#	1261#	1048#	1277#	1345#
Liberia	67.0	9250	8581	8241	2667	804	1142	-	-
Mauritania	62.5	5928#	6358#	7401#	7009#	6626#	5048#	6064	6527
Morocco	45.0	116	71#	75#	30#	32#	43#	76	25
South Africa	65.4	14297	16461#	19461#	19689	18819	18460#	19218	21138
Tunisia	50.0	131	113	95	96	96	94	100	100
Zimbabwe	58.5	1014	724#	856#	921#	873#	705#	224#	-
AMERICA		**111036**	**122300**	**126992**	**124930**	**124994**	**119295**	**122469**	**138555**
Argentina	64.5	432	748#	437#	286	55	-	-	-
Bolivia	60.0	-	9	8	75#	61	60	59	57
Brazil	65.0	87168#	97090#	102241#	98997#	98878#	94783#	97464#	109076
Chile	64.1	4017	4778#	5267#	5111#	5572#	4586	4487	5518
Colombia	45.3	399#	277#	270	283#	275#	317	320	320
Mexico	66.8	5200	5167#	5013#	5436#	5360	6168	5647	6145
Peru	66.2	3674	2684#	2538	2182#	2379#	1920	3410	7233
Venezuela	63.4	10146	11547#	11218#	12560#	12414#	11461#	11082	10206
ASIA		**41142**	**40276**	**41447**	**45083**	**45862**	**44925**	**45400**	**47093**
Democratic People's Republic of Korea	50.0	4000	4000	4500	4750	4750	4750	5000	5000
India	63.0	32550#	31720#	32484#	34369#	35837	34569	35033	36225
Iran,Islamic Rep.	61.6	1116	1178	1631	1860	1875	1984	2108	2480
Malaysia	60.0	112	121#	116#	204	230	192	136	126
Republic of Korea	60.0	286	370	193#	199#	174#	330	156	156
Syrian Arab Republic	60.0	..	..	..	3#	3	3e	3F	-
Thailand	60.0	58	59	96	79	137	275#	125	89
Turkey	58.0	3020#	2828#	2427#	3619#	2856#	2822#	2839#	3017
EUROPE		**1914**	**1774**	**2041**	**1900**	**999**	**598**	**138**	**115**
Yugoslavia (former)	46.0	1914	1774	2041#	1900	999	598	138	115

2. IRON ORE : Production

(concluded)

(thousand tonnes, Fe content[1])

Region country or area	% Fe	1987	1988	1989	1990	1991	1992	1993	1994
COUNTRIES IN EASTERN EUROPE		**139677**	**150608**	**146212**	**142703**	**120348**	**105549**	**93101**	**82275**
Bulgaria	44.3	613	603	533	321	297	155	200	354
Czechoslovakia (former)	27.0	611	603	477#	462	470	196	-	-
Slovakia	56.3	..	..	..	-	-	-	336	236#
Poland	-	2	2	2	2	2	-	-	-
Romania	48.0	456	600#	600#	318	262	198	165	85
USSR (former)	60.0	137995	148800#	144600#	141600#	119317	105000	92400	81600
of which									
Kazakhstan	57.9	..	..	..	-	-	-	7316#	-
Russian Federation	60.0	..	..	..	64080	54560	49260	45686	43980
Ukraine	58.0	..	..	..	65631#	50406#	44080	37392	26100
CHINA	**35.0**	**50407**	**54173**	**56735**	**59378**	**61354**	**68578**	**82155**	**83661**

[1] Fe content : 1 % Fe unit by weight per metric ton of marketable ore .

3. IRON ORE: Production by products, 1994

(thousand tonnes, natural weight)

Country or area	Non-agglomerated				Agglomerated	
	Lumps [1]	Fines & Concentrates [2]	Pellet-feed [3]	Others [4]	Pellets [5]	Sinter [6]
Austria	1,157*	487	-	-	3,264	
Australia	49,294	77,968	1,400	-	1,528	6,875
Brazil	33,820	94,200	39,790	-	28,373	25,393
Canada	-	13,855	-	-	22,481	673
Egypt	1,777	761	-	-	-	-
France	-	-	-	2,417	-	19,125
Korea Rep.	-	240	-	-	-	28,716
Mauritania	1,996	7,205	-	1,242	-	-
Morocco	36	19	-	-	-	-
Peru	-	11,409	-	-	2,760	1,709
Romania	-	177	-	-	-	-
Slovakia	-	42	-	-	377	-
Spain	-	2,087	-	-	-	-
Sweden	460	8,479	-	-	10,970	1,099
Turkey	556	3,301	1,222	-	1,043	4,002
Venezuela	2,034	14,064	-	-	6,215	-
Zimbabwe	-	329	112	-	-	67

1 Marketable iron ore between 10 and 30mm with usually less than 20 per cent fines.

2 Marketable fine ore, usually below 10mm (or similar size) and/or marketable product from a concentration plant.

3 Run of mine.

4 Fine ore or concentrate very fine, usually below 0.1mm.

5 Iron ore fines agglomerated into a rough ball shape typically 10mm.

6 Agglomerated fines or concentrates and other iron-bearing materials.

* Lumps and fines.

4. PELLETS[1]: Production

(thousand tonnes)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
WORLD	**211500**	**229954**	**236829**	**226284**	**213313**	**204605**	**207277**	**209721**	**1.2**
DEVELOPED MARKET ECONOMY COUNTRIES	**90817**	**103772**	**107520**	**99578**	**96319**	**96827**	**96037**	**101592**	**5.8**
AMERICA	**70031**	**82248**	**84398**	**77331**	**75117**	**74585**	**74166**	**79695**	**7.5**
Canada	24120#	26291#	27113#	22515#	20462	19625#	19066#	22481#	17.9
United States	45911#	55957#	57285#	54816#	54655#	54960#	55100#	57214	3.8
EUROPE	**14852**	**15015**	**16494**	**15869**	**15009**	**15955**	**16460**	**16738**	**1.7**
European Union	*4200*	*4506*	*4588*	*4507*	*4013*	*4126*	*4610*	*4368*	*-5.2*
Belgium-Luxembourg	500	710#	588#	663#	473#	292#	300E	250E	-16.7
Netherlands	3700	3796#	4000#	3844#	3540#	3834	4310#	4118#	-4.5
Other Europe	*10652*	*10509*	*11906*	*11362*	*10996*	*11829*	*11850*	*12370*	*4.4*
Finland	-	-	480#	-	-	-	-	-	
Norway	1500	1400#	1400	1397	1211	1513	1500#	1400E	-6.7
Sweden	9152	9109#	10026#	9965#	9785#	10316#	10350#	10970#	6.0
ASIA	**2625**	**3109**	**3128**	**3378**	**3393**	**3487**	**3811**	**3631**	**-4.7**
Japan	2625	3109#	3128#	3378#	3393#	3487#	3811#	3631	-4.7
OCEANIA	**3309**	**3400**	**3500**	**3000**	**2800**	**2800**	**1600**	**1528**	**-4.5**
Australia	3309#	3400E	3500E	3000E	2800#	2800#	1600#	1528#	-4.5
DEVELOPING COUNTRIES AND TERRITORIES	**47333**	**52137**	**52519**	**49888**	**46804**	**44925**	**48907**	**55502**	**13.5**
AFRICA	**3060**	**3390**	**3178**	**1675**	**170**	**160**	**160**	**150**	**-6.2**
Liberia	3060#	3215#	3000	1500	-	-	-	-	
Nigeria	..	175#	178#	175E	170E	160E	160E	150E	-6.2
AMERICA	**42766**	**45273**	**45656**	**44162**	**43289**	**41241**	**43698**	**49292**	**12.8**
Argentina	465	597	658#	612	101	10E	-	-	
Brazil	24852	26084#	26990#	24684#	24389#	22501#	23389#	28373#	21.3
Chile	3694#	4073#	3924#	4015#	4154#	3921	3420#	3294	-3.7
Mexico	7400#	7937#	7582#	8298#	7634	8047#	8359	8650#	3.5
Peru	2011	1774#	1848	1304#	1360#	1460	2667#	2760#	3.5
Venezuela	4344#	4808#	4654	5249	5651	5302	5863#	6215#	6.0
ASIA	**1451**	**3449**	**3624**	**4001**	**3315**	**3514**	**5049**	**6060**	**20.0**
Bahrain	-	1000e	951	1049	396	1005	1864#	2800E	50.2
India	587#	1467#	1887	1920	1919	1546	2181	2217	1.7
Turkey	864#	982#	786#	1032#	1000#	963#	1004#	1043#	3.9
EUROPE	**56**	**25#**	**61#**	**50E**	**30E**	**10E**	-	-	-
Yugoslavia (former)	56	25#	61#	50E	30E	10E	-	-	-
COUNTRIES IN EASTERN EUROPE	**69030**	**68235**	**68950**	**68300**	**59800**	**51323**	**50333**	**40377**	**-19.8**
Czechoslovakia (former)	230E	262#	250E	300	300	323#	333	-	-
Slovakia	..	..	..	..	..	..	..	377#	-
USSR (former)	68800	67973#	68700#	68000#	59500	51000E	50000E	40000E	-20.0
of which									
Kazakhstan	..	..	..	-	-	-	6424#	-	-
Russian Federation	..	..	..	..	29167	28944	25058	23000E	-8.2
Ukraine	..	..	..	27917	22144#	19681	15248	13000E	-14.7
CHINA	**4320**	**5810**	**7840**	**8518**	**10390**	**11500**	**12000E**	**12250E**	**2.1**

1 Pellets iron ore fines agglomerated into a rough ball shape typically 10mm diameter

5. SINTER[1] : Production

(thousand tonnes)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
WORLD	**561905**	**593613**	**594436**	**580635**	**548990**	**542524**	**530042**	**522761**	**-1.4**
DEVELOPED MARKET ECONOMY COUNTRIES	**208920**	**228822**	**232647**	**227029**	**223728**	**207966**	**210236**	**214675**	**2.1**
AMERICA	**15854**	**16893**	**15570**	**14139**	**11727**	**12433**	**13567**	**13673**	**0.8**
Canada	1392#	1396#	1906#	1900	1160	985#	1112	673#	-39.5
United States	14462	15497	13664#	12239#	10567#	11448#	12455	13000E	4.4
EUROPE	**101346**	**110955#**	**112787#**	**110066**	**110426**	**100371**	**102036**	**106452**	**4.3**
European Union	*92012*	*101790#*	*103131#*	*101363*	*101416*	*92769*	*94399*	*98650*	*4.5*
Belgium-Luxembourg	15301	16556#	16116#	16306#	16436#	14827#	14430#	15100E	4.6
France	15302	21477#	21378#	20517#	19499#	18526#	17470#	19125#	9.5
Germany	26140	27833#	29753#	27230#	29064#	26582#	25418#	27136#	6.8
Italy	13008	13071#	12311#	13114#	12113#	9183#	12834#	13000E	1.3
Netherlands	3682	3901#	3668#	3945#	3797#	3795#	4032#	3716#	-7.8
Portugal	429	452#	395#	344#	275#	428#	411#	448#	9.0
Spain	6600	5433#	6228#	6177#	6536#	5994#	6202#	6400E	3.2
United Kingdom	11550	13067#	13282#	13730#	13696#	13434#	13602#	13825#	1.6
Other Europe	*9334E*	*9165#*	*9656#*	*8703*	*9010*	*7602*	*7637*	*7822*	*2.4*
Austria	4814	4431	4775#	4380#	4412#	3026#	2986#	3264#	9.3
Finland	2837	2970#	3060#	2800E	3040#	3170#	3300E	3209#	-2.8
Norway	633	673#	680	400E	400E	300E	250E	230E	-8.0
Sweden	1050E	1091#	1141#	1123#	1158#	1106#	1101#	1099#	-0.2
ASIA	**86447**	**94933#**	**98190#**	**96509**	**96143**	**88811**	**88232**	**88455**	**0.3**
Japan	86447	94933#	98190#	96509#	96143#	88811#	88232#	88455	0.3
OCEANIA	**5273**	**6041**	**6100**	**6315**	**5432**	**6351**	**6401**	**6875**	**7.4**
Australia	5273	6041	6100	6315	5432	6351	6401#	6875#	7.4
DEVELOPING COUNTRIES AND TERRITORIES	**71627**	**84043**	**84347**	**83995**	**89208**	**91503**	**92031**	**93597**	**1.7**
AFRICA	**2680**	**4621**	**4639**	**4753**	**4236**	**3894**	**4126**	**4217**	**2.2**
Algeria	2500	2600E	2600E	2500E	2000E	1910#	1900E	1900	-
Egypt	-	1862#	1900E	2089#	2086#	1853#	2113#	2250#	6.5
Zimbabwe	180E	159#	139#	164#	150#	131#	113#	67#	-40.7
AMERICA	**26850**	**28950**	**28375**	**25124**	**27621**	**28266**	**28107**	**29162**	**3.8**
Argentina	904	811	928#	838	743	592	830	800	-3.6
Brazil	21871#	24952#	24703#	21395	23903#	24985#	24671	25393#	2.9
Colombia	405	396	379	414#	401#	385	308	310E	0.6
Mexico	1073	936#	883#	918#	900E	916#	798	950E	19.0
Peru	2597	1855	1482	1559	1674	1388	1500E	1709	13.9
ASIA	**38341**	**46695**	**47553**	**50818**	**54851**	**58143**	**59298**	**59918**	**1.0**
India	9021#	9686#	10189	9686	12991	13500E	14000E	14500E	3.6
Republic of Korea	15662	19991	21011	23491	24872	27500	28000E	28716#	2.6
Taiwan Province of China	5383	8154	8482	8053	8000	7800	8700E	8400E	-3.4
Turkey	3968#	4257#	3192#	4508#	4238#	4427#	4462#	4002#	-10.3
Philippines	4307	4607	4679	5080	4750	4916#	4136	4300E	4.0
EUROPE	**3756**	**3777**	**3780**	**3300**	**2500**	**1200**	**500**	**300**	**-40.0**
Yugoslavia (former)	3756#	3777#	3780#	3300E	2500E	1200E	500E	300E	-40.0

5. SINTER[1] : Production
(concluded)

(thousand tonnes)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
COUNTRIES IN EASTERN EUROPE	**201948**	**199248**	**194942**	**182611**	**147554**	**134155**	**117775**	**100709**	**-14.5**
Bulgaria	2717	2287	2365	1863	1673	1535	1802	1850E	2.7
Czechoslovakia (former)	13000	12464	13076	12950	11665	10415	9400	-	-
Czech Republic	..	..	..	..	..	..	..	5940#	-
Slovakia	..	..	..	..	..	..	..	3319	-
German Dem. Rep. (former)	3207	3346	319 9#	2500E	-	-	-	-	-
Hungary	3023	2875	2900#	1773	1428	1489	1500E	1600E	6.7
Poland	15401	14054#	12993	11779	8613	8621	9000E	9800E	8.9
Romania	14000E	13880#	13002#	8846	5575	5095	5073#	5400E	6.0
USSR (former)	150600	150342#	147407#	142900#	118600	107000	91000	72800E	-20.0
of which									
Kazakhstan	..	..	..	..	..	..	1125#	..	-
Ukraine	..	..	..	64094#	54088#	52310	42046	33000E	-21.5
Russian Federation	..	..	..	..	57378	54112	48751	41450E	-15.0
CHINA	**79410**	**81500**	**82500**	**87000**	**88500**	**108900**	**110000**	**113000E**	**2.7**

1 Sinter: agglomeration of natural ore fines, ore concentrates, flue dust and other iron bearing materials.

2 U.S.A.: For 1993, Sinter consumption.

6. IRON ORE: Exports

(thousand tonnes, natural weight)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
WORLD	**369140**	**401742**	**421192**	**395749**	**399187**	**370680**	**400789**	**430539**	**7 4**
DEVELOPED MARKET ECONOMY COUNTRIES	**140452#**	**157791#**	**166203#**	**150974**	**169484#**	**160774#**	**172303**	**184027**	**6 8**
AMERICA	**34755**	**35808**	**35587**	**30240**	**33733#**	**30187#**	**31259**	**35097**	**12 3**
Canada	29662	30523#	30222#	27041#	29688#	25132#	26200	30125#	15.0
United States	5093#	5285#	5365#	3199	4045#	5055#	5059#	4972#	-1.7
EUROPE	**25142**	**25550**	**24716**	**23564**	**23052**	**22639#**	**23365**	**21536**	**-7 8**
European Union 1	*21#*	*116#*	*52#*	*411#*	*155#*	*285#*	*82#*	*173#*	*111.0*
Belgium-Luxembourg	3	7#	11#	16#	13#	20#	9	9E	-
Denmark	3	4#	2#	4#	1#	1#	1#	-	-
France	3740	3725#	3462#	3280#	3153#	2875#	2792#	2442#	6.3
Germany	6	20#	7#	4#	81#	76#	100	85#	-15.9
Greece	-	- #	24#	-	-	-	-	1#	-
Netherlands	105	223	127	82#	65#	28#	23E	29	26.1
Spain	1991	2282#	1632#	1633#	2157#	1879#	1505	1518#	0.9
United Kingdom	1	2#	2#	2#	2#	2#	4#	2#	-50.0
Other Europe	*19293*	*19287*	*19449*	*18543*	*17580*	*17758*	*18931*	*17450*	*-7.8*
Austria	1	-	-	-	-	-	-	-	-
Norway	2530	1757#	1987#	2113#	2098#	2281	2505#	2064#	-17.6
Sweden	16762	17530#	17462#	16430#	15482#	15477#	16426#	15386#	-6.3
OCEANIA	**80555**	**96433**	**105900**	**97170**	**112699**	**107948**	**117679**	**127394**	**8 3**
Australia 2	78594#	94969#	104500#	96156	111458#	106600	116450#	126159#	8.3
New Zealand	1961	1464#	1400E	1014#	1241#	1348#	1229	1235	0.5
DEVELOPING COUNTRIES AND TERRITORIES	**183255**	**200888**	**215109**	**208454**	**202315**	**182894**	**199186**	**214512**	**7.7**
AFRICA	**31327**	**35372**	**38563**	**32358**	**27038**	**24334**	**29584**	**30027**	**1.5**
Algeria	13	-	20#	18#	20E	41#	50E	50E	-
Liberia	13510	13779	12747	3887#	1015	1273	800E	-	-
Mauritania	9002	10005#	11138#	11356#	10469#	8094#	9655#	10342	7.1
Morocco	-	80#	87	63	66	58#	55#	30#	-45.5
South Africa	8802	11503#	14566#	17029#	15468	14868#	19024#	19605#	3.1
Other Africa	-	5	5E	5E	-	-	-	-	-
AMERICA	**118745**	**128672**	**137539**	**137993**	**138157**	**125103**	**133365**	**148785**	**11.6**
Bolivia	-	15	25#	225#	102#	50	39	40E	2.6
Brazil	97288#	105303#	111641#	114296#	114681#	106035#	111861#	125020#	11.8
Chile	5329#	6397#	7422#	6546#	7406#	5723	6266#	6639	6.0
Mexico	-	-	- #	-	-	91#	100E	68#	-32.0
Peru	4430	4668#	4014	3306#	2582#	2975	4646	6327#	36.2
Venezuela	11698	12289	14437	13620#	13386	10229#	10453#	10691	2.3
ASIA	**33183**	**36845**	**38999**	**37570**	**36820**	**33257**	**36237**	**35700**	**-1 5**
Bahrain 3	..	..	838	903	479	875	2137	2900E	35.7
India	28981	32079#	33479#	31585#	31539#	28462#	30000E	28500E	-5.0
Philippines 4	4202	4764	4680	5080	4800	3920	4100	4300E	4.9
Other Asia	-	2#	2#	2E	2	-	-	-	-
EUROPE	-	-	**8**	**533**	**300**	**200**	-	-	-
Yugoslavia (former)	-	-	8#	533	300E	200E	-	-	-
COUNTRIES IN EASTERN EUROPE	**45433**	**43063**	**39880**	**36321**	**27388**	**27012**	**29300**	**32000**	**9 2**
USSR (former)	45433#	43063#	39880#	36321#	27388#	27012	29300	32000E	9.2
of which									
Kazakhstan	..	..	..	..	..	..	6597#	..	..
Russian Federation	..	..	..	11615#	9836#	9894	11155	..	..

1 European Union Total: excluding the European Union's internal trade.

2 Dry weight until 1991.

3 Pellets produced with imported ores.

4 Sinter produced with imported ores.

7. IRON ORE: Exports[1]

(thousand tonnes, Fe content)

Region country or area	% Fe	1987	1988	1989	1990	1991	1992	1993	1994
WORLD	**33.3**	**230052**	**254408**	**266909**	**248576**	**251542**	**233904**	**254181**	**272710**
DEVELOPED MARKET ECONOMY COUNTRIES		**87437#**	**98718#**	**104157#**	**94130#**	**104608**	**99431**	**106741**	**114517**
AMERICA		**21957#**	**22952#**	**22799#**	**19105#**	**21325**	**19102**	**19744**	**22121**
Canada	63.0	18687	19596#	19403#	17101	18769	15908	16547	18979
United States	63.2	3270#	3356#	3396#	2004#	2556	3194	3197	3142
EUROPE		**13914**	**14917**	**14508**	**13889**	**13496**	**13469**	**14057**	**13009**
European Union 1		*7*	*39*	*18*	*139*	*52*	*85*	*38*	*79*
Belgium-Luxembourg	31.5	1	2	3	5	4	6	3	3
Denmark	-	1	1	-	-	-	-	-	-
France	31.5	1159	1154	1073	1033	993	905	881	769
Germany 2	15.0	1	4	1	1	12	11	15	12
Netherlands	57.0	60	127	72	47	37	16	13	16
Spain	46.0	1075	1232	881	751	992	864	692	698
Other Europe		*11617*	*12397*	*12478*	*12052*	*11458*	*11667*	*12453*	*11511*
Norway	65.0	1392	967	1093	1373	1364	1483	1628	1341
Sweden	65.8	10225	11430	11385	10679#	10094#	10184#	10825#	10170
OCEANIA		**51566**	**60849**	**66850**	**61136**	**69787**	**66860**	**72940**	**79387**
Australia	62.0	50583	60115	66148	60578	69104	66092	72199	78683#
New Zealand	57.0	983	734	702	558	683	768	741	704
DEVELOPING COUNTRIES AND TERRITORIES		**118536**	**129852**	**138824**	**132653**	**130501**	**118268**	**129860**	**138993**
AFRICA		**20453**	**23029**	**25018**	**21104**	**17559**	**15833**	**19044**	**19507**
Algeria	50.0	6	-	10#	9#	10	20	25	25
Liberia	67.0	9052	9231	8540	2607	670	853	-	-
Mauritania	65.0	5851	6503	7240	7381	6804	5261	6276	6722
Morocco	57.0	-	48	52	38	40	35#	33	17
South Africa	65.0	5544	7247	9176	11069	10035	9664	12710	12743
AMERICA		**76846**	**83564#**	**89174#**	**87438#**	**89426**	**81218#**	**87783#**	**95780**
Bolivia	65.0	..	9	15	135	61	30	25	25
Brazil	65.0	63237	68447	72547	72292#	74542	68923	73828	81250
Chile	66.0	3553	4254	4935	4320#	4740#	3777	4135	4381
Mexico	65.8	-	-	-	-	-	59	65	44
Peru	68.0	2920	3010	2589	2179#	1717#	1960	3103	4302
Venezuela	63.4	7136	7844#	9088#	8512#	8366	6469#	6627#	6778
ASIA		**21237**	**23259**	**24632**	**23866**	**23378**	**21123**	**23033**	**22706**
Bahrain	65.0	..	..	545	587	311	569	1389	1885
India	63.4	18548	20210	21092	20028	19995	18045	19020	18069
Philippines	64.0	2689	3049	2995	3251	3072	2509	2624	2752
EUROPE		**-**	**-**	**-**	**245#**	**138**	**92**	**-**	**-**
Yugoslavia (former)	-	-	-	-	245#	138	92	-	-
COUNTRIES IN EASTERN EUROPE		**24079**	**25838#**	**23928#**	**21793#**	**16433**	**16207**	**17580**	**19200**
USSR (former)	60.0	24079	25838#	23928#	21793#	16433	16207	17580	19200
of which									
Kazakhstan	61.5	..	..	..	-	-	-	4060#	-
Russian Federation	60.0	..	..	..	6969	5902	5936	6640	8722

1 Exports: quantities of iron ore units exported during the calendar year

2 European Union Total: excluding the European Union's internal trade

8. IRON ORE: Network of exports by major region of destination, 1994

(million tonnes, natural weight)

Exports to / Exports from	World	Developed market economy countries					Developing Countries	Eastern Europe	China
		Total	United States	Japan	EU	Others			
WORLD	**430.5**	**281.5**	**17.7**	**118.6**	**133.3**	**11.9**	**77.1**	**31.2**	**40.7**
DEVELOPED MARKET ECONOMY COUNTRIES	**184.0**	**134.4**	**10.9**	**59.5**	**56.0**	**8.0**	**31.0**	**0.8**	**17.8**
Australia	126.1	80.5	0.7	57.2	22.6	-	27.0	0.8	17.8
Canada	30.1	28.9	10.2	1.1	17.1	0.5	1.2	-	-
EU	4.1	4.1	-	-	4.0	0.1	-	-	-
Sweden	15.4	12.6	-	-	10.5	2.1	2.8	-	-
Others	8.3	8.3	-	1.2	1.8	5.3	-	-	-
DEVELOPING COUNTRIES AND TERRITORIES	**214.5**	**145.1**	**6.8**	**59.1**	**76.8**	**2.4**	**44.3**	**2.4**	**22.7**
Brazil	125.0	87.7	3.9	29.4	53.5	0.9	27.6	1.5	8.2
Chile	6.6	4.7	0.2	3.2	1.3	-	1.4	-	0.5
India (E)	28.5	18.9	-	16.0	2.4	0.5	6.1	-	3.5
Mauritania	10.3	10.3	0.1	0.1	10.1	0.0	0.0	-	-
Peru	6.3	0.6	-	0.6	-	-	1.4	-	4.3
South Africa (E)	19.6	10.3	-	4.6	4.7	1.0	4.3	-	5.0
Venezuela	10.7	8.3	2.6	0.9	4.8	-	0.3	0.9	1.2
Others	7.5	4.3	-	4.3	-	-	3.2	-	-
USSR (former)	**32.0**	**2.0**	-	-	**0.5**	**1.5**	**1.8**	**28.0**	**0.2**

Note On the basis of information provided by exporters available to the secretariat as of 18 July 1995
E estimated

9. PELLETS: Exports

(thousand tonnes)

Country or area	1987	1988	1989	1990	1991	1992	1993	1994
Australia	2,111	2,011	1,624	1,668	692	600E	415	289
Bahrain	-	-	839	903	479	875	2,137	2,900E
Brazil	19,962	23,765	23,335	20,040	23,975	21,259	23,045	26,771
Canada	13,078	17,569	17,325	12,751	14,374	13,298	12,934	16,028
Chile	3,284	3,549	3,587	3,423	3,809	2,752	3,563	3,277
India 1	825	1,640	1,923	1,717	1,300	1,546	2,181	1,854
Liberia	3,227	3,201	3,320	1,455	-	-	-	-
Norway	..	1,060	1,052	1,247	1,337	773	1,135	846
Peru	1,752	1,515	1,503	1,153	844	1,147	2,339	3,912
Sweden	6,143	6,535	6,494	6,499	6,361	6,702	7,466	6,915
United States	5,049	5,232	2,874	3,018	4,016	4,653	5,030	4,887
USSR(former)	10,866	10,892	11,507	12,316	10,043	9,772	11,169	12,000E
Venezuela	434	849	1,159	1,184	922	1,123	1,242	1,086
TOTAL	**66,731**	**75,703**	**75,768**	**73,393**	**68,181**	**64,728**	**72,656**	**80,765**

1 Fiscal year (April to March) until 1989

10. LUMPS: Exports

(thousand tonnes, natural weight)

Country or area	1993	1994
Australia	40,286	42,809
Brazil	8,252	10,386
Chile	62	305
Mauritania	1,870	1,966
South Africa	10,777	12,977
Venezuela	3,532	2,800

11. IRON ORE: Imports

(thousand tonnes, natural weight)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
WORLD	**370093**	**396437**	**409424**	**399193**	**388848**	**375264**	**386077**	**414450**	**7.3**
DEVELOPED MARKET ECONOMY COUNTRIES	**261008**	**288040**	**292696**	**286831**	**283838**	**263322**	**256020**	**277909**	**8.5**
AMERICA	**22080**	**24917**	**15954**	**22166**	**17955**	**17781**	**19389**	**22677**	**17.7**
Canada	5213	4791#	5348#	4113#	4620#	5280#	5428#	5128#	-5.5
United States	16867	20126	10606	18053	13335	12501#	13961#	17549#	25.7
EUROPE	**126852**	**139277**	**147161**	**137575**	**135751**	**130298**	**121147**	**138142**	**14.0**
European Union 1	*118507*	*126564*	*136079*	*124286*	*126675*	*118222*	*111311*	*129089*	*16.0*
Belgium-Luxembourg	18385	20795#	19787#	20278#	19486#	17995#	12724	14929#	17.3
Denmark	8	3#	6#	3#	2#	2#	8#	33#	312.4
France	15056	18727#	19955#	18807#	18206#	17232#	16522#	20098#	21.6
Germany 2	39583	45169#	47170#	43730#	43288	41317#	35264	42675#	21.0
Italy	16523	16200#	18201#	17203#	17855#	15064#	16741#	16402	-2.0
Netherlands	7049	7562	8153	8303	7892	7523	8555	8561	0.1
Portugal	764	477#	689#	449#	466#	565#	589#	553#	-6.1
Spain	5767	5556#	6935#	6705#	7596#	7098#	6664#	7583#	13.8
United Kingdom	18028	17867#	19179#	14700#	13540#	15799#	15925#	19463#	22.2
Other Europe	*5689*	*6921*	*7086*	*7397*	*7420*	*7703*	*8155*	*7845*	*-3.8*
Austria	3311	4164	4192#	3892#	3968#	3915	3591#	3921#	9.2
Finland	2261	2400#	2600#	3158	3070#	3308#	3361	3519#	4.7
Iceland	17	23	17	18	17	17	22	17	-22.7
Norway	21	193#	23#	12#	27#	108	603#	7#	-98.8
Sweden	70#	129	254#	317#	338#	355#	578#	381#	-34.1
Switzerland	9	12	-	-	-	-	-	-	
ASIA	**112034**	**123377**	**127709**	**125290**	**127186**	**113743**	**114484**	**116090**	**1.4**
Japan	112034	123377#	127709#	125290#	127186#	113743#	114484#	116090	1.4
OCEANIA	**42#**	**469#**	**1872#**	**1800**	**2946**	**1500**	**1000**	**1000**	-
Australia	42#	469#	1872#	1800	2946#	1500E	1000E	1000E	-
DEVELOPING COUNTRIES AND TERRITORIES	**39073**	**43274**	**53953**	**52459**	**56992**	**61769**	**68669**	**67930**	**-1.1**
AFRICA	**63**	**198**	**858**	**367**	**228**	**1502**	**1481**	**1443**	**-2.5**
Egypt	-	-	-	-	-	1264#	1300E	1362#	4.8
Nigeria	-	152#	770E	300E	150E	150E	100E	-	-
Tunisia	63	46	88	67	78	88	81	81	0.5
AMERICA	**3387**	**3590**	**4476**	**4499#**	**3360**	**4545**	**4464**	**4933**	**10.5**
Argentina	3342	3131#	3816#	3148#	2310#	3574#	3205	3400E	6.1
Mexico	45	459#	660#	363#	150E	21#	40E	33#	-17.5
Trinidad and Tobago	..	..	..	988#	900E	950E	1219	1500E	23.1
ASIA	**34542**	**38000**	**46314**	**45595**	**51604**	**54522**	**62224**	**61553**	**-1.1**
Bahrain	..	..	1111	1250	395	1015	1939	2771	42.9
Democratic People's Republic of Korea	600E	700E	700E	700E	700E	700E	700E	700	-
Indonesia	1400E	1400E	2000#	2000E	2000E	2100E	2310	2400E	3.9
Malaysia	819	452#	912#	1233	1160	1613#	1404	1500E	6.8
Pakistan	1105	1528	1393	1162	1605	1398	1982	1889	-4.7
Qatar	700E	800E	792	863	900E	950E	1000E	1000E	-
Republic of Korea	16607	16479	22790#	22500#	28440#	31779	35533	34200	-3.8
Saudi Arabia	1478	1245	1652	1468	1093	1450E	2200E	2300E	4.5
Singapore	1	10E	1	5	2	0	0	0	-
Syrian Arab Republic	..	..	..	2#	2E	2E	2E	2E	-
Taiwan Province of China	6140	8477	8370	7760	8433	7251	9019	8342	-7.5
Turkey	1532#	2369#	2243#	1952#	2509#	1844#	1824#	2049#	12.3
United Arab Emirates	160	140E	150E	100E	100E	120E	110E	100E	-9.1
Other Asia	4000E	4400E	4200E	4600#	4265	4300E	4200E	4300E	2.4
EUROPE	**1081**	**1486**	**2305**	**1998**	**1800**	**1200**	**500**	-	-
Yugoslavia (former)	1081	1486#	2305#	1998#	1800E	1200E	500E	-	-

11. IRON ORE: Imports
(concluded)

(thousand tonnes, natural weight)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
COUNTRIES IN EASTERN EUROPE	**57915**	**54583**	**50323**	**45561**	**29560**	**25002**	**28368**	**31341**	**7 0**
Bulgaria	2308	2112	1920	1964#	551#	416#	733	723#	-1 4
Czechoslovakia (former)	15088#	14718#	14073#	14173#	12028	11764#	..	..	..
Czech Republic	..	..	..	..	..	..	7226#	7501#	3 8
Slovakia	..	..	..	..	..	..	5274	4865#	7 8
German Dem. Rep. (former)	4300E	4200E	4000E	2800E	..	..	..	..	..
Hungary	3403	2885#	3263#	3202#	2700E	2400E	2800E	3200E	14 3
Poland	17116	16668#	13441#	12065	7419	8076	8776	9600E	9 4
Romania	15700E	14000E	13626#	11357	6862	2346#	3559#	5452	53 2
CHINA	**12098**	**10541**	**12452**	**14343**	**18458**	**25171**	**33020**	**37270**	**12 9**

1 European Union Total excluding the European Union's internal trade

2 From 1991, unified territory of Germany

12. EUROPEAN UNION: Iron ore imports by origin/destination, 1994

(thousand tonnes, natural weight)

Destination / Origin	Germany	France	Italy	Netherlnds	Belgium Luxembrg	United Kingdom	Denmark	Spain	Portugal	EU
Non agglomerated ores 1										
Total	*28,730*	*19,788*	*13,860*	*8,549*	*13,612*	*17,298*	*33*	*5,411*	*390*	*106,453 a*
of which:										
EU	-	134	1	208	-	873	-	2	-	-
Australia	4,727	4,689	1,912	1,384	932	7,160	-	841	-	21,645
Brazil	17,070	8,214	4,882	2,812	6,234	2,205	-	2,381	7	43,805
Canada	3,091	2,162	274	965	1,750	2,670	-	261	67	11,240
Mauritania	476	3,026	2,716	36	1,566	716	-	1,167	60	9,763
Norway	675	125	-	2,068	432	21	-	-	-	3,321
South Africa	459	324	1,597	2	31	2,267	-	-	-	4,680
Sweden	1,774	566	-	-	1,970	196	33	-	-	4,539
Venezuela	-	253	950	603	486	1,190	-	707	192	4,381
India	...	153	1,526	465	122	-	-	51	64	2,381
Others	458	142	2	6	89	-	-	1	-	698
Agglomerated ores 2										
Total	*13,944*	*310*	*2,542*	*12*	*1,317*	*2,194*	-	*2,172*	*163*	*22,636 a*
of which:										
EU	-	18	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	205	-	-	-	205
Brazil	5,769	-	2,280	-	40	-	-	1,795	-	9,884
Canada	2,886	290	262	-	411	676	-	377	131	5,033
Norway	779	-	-	-	-	1,313	-	-	-	2,092
South Africa	-	2	-	-	-	-	-	-	-	2
Sweden	3,429	-	-	-	607	-	-	-	-	4,036
Venezuela	-	-	-	12	-	-	-	-	-	12
Others	206	-	-	-	52	-	-	-	32	290
Total	**42,674**	**20,098**	**16,402**	**8,561**	**14,929**	**19,492**	**33**	**7,583**	**553**	**129,089 a**

Notes Greece and Ireland are not concerned.

1 Non-agglomerated ores: fines, lumps, pellet-feed and concentrates.

2 Agglomerated ores: pellets or sinter.

&sa Third countries only.

13. CHINA: Iron ore imports by origin, 1988-1994

(thousand tonnes, natural weight)

Origin	1988	1989	1990	1991	1992	1993	1994
Australia	6,622	8,854	10,168	12,073	13,757	17,028	15,256
Brazil	2,550	2,515	2,478	3,137	4,709	4,943	6,487
Canada	-	-	-	-	-	79	44
Chile	-	-	-	-	80	57	749
India	184	168	470	958	2,467	3,320	3,961
Korea DPR	1,088	519	599	790	724	490	300
Peru	-	-	-	-	-	1,790	3,987
Russia	-	-	-	23	181	200	-
South Africa	-	-	-	1,000	1,500	3,809	4,924
Venezuela	-	-	-	-	480	1,088	
Others	97	396	628	477	1,203	480	494
Total	**10,541**	**12,452**	**14,343**	**18,458**	**25,171**	**32,678**	**37,270**

14. JAPAN: Iron ore imports by origin, 1994

(thousand tonnes, dry weight)

Origin	Non-agglomerated 1	Agglomerated 2	Total
Australia	55,177	232	55,409
Brazil	24,002	3,872	27,874
Canada	1,375	-	1,375
Chile	2,243	1,160	3,403
India	15,701	13	15,714
New Zealand 3	1,226	-	1,226
Philippines 4	-	4,329	4,329
South Africa	4,579	-	4,579
Total	**106,360**	**9,730**	**116,090**

1 Non-agglomerated ores: fines, lumps, pellet-feed and concentrates

2 Agglomerated ores: pellets or sinter

3 Iron ore sands

4 Sinter produced from fines imported via Japan

15. REPUBLIC OF KOREA: Iron ore imports by origin, 1994

(thousand tonnes, natural weight)

Origin	Non-agglomerated 1	Agglomerated 2	Total
Australia	18,413	116	18,529
Brazil	8,112	-	8,112
Canada	802	-	802
Chile	996	-	996
India	3,696	-	3,696
Peru	1,102	167	1,269
South Africa	761	35	796
Others	1	-	1
Total	**33,883**	**151**	**34,201**

1 Non-agglomerated ores: fines, lumps, pellet-feed and concentrates

2 Agglomerated ores: pellets or sinter

16. IRON ORE: Value of Exports[1]

(million dollars)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994
WORLD	**6842.8**	**7397.6**	**8167.5**	**8595.9**	**8722.7**	**7903.2**	**7608.5**	**8029.4**
DEVELOPED MARKET ECONOMY COUNTRIES	**2566.9**	**2888.6**	**3160.7**	**3381.8**	**3648.6**	**3512.9**	**3278.9**	**3705.0**
AMERICA	**928.9**	**1010.7**	**992.0**	**842.6**	**934.1**	**852.2**	**791.1**	**850.0**
Canada	730.6	816.9#	799.3#	719.4#	777.7#	665.4	624.3	687.5
United States	198.3	193.8	192.7	123.2#	156.4#	186.8#	166.8#	162.5#
EUROPE	**441.1**	**474.8#**	**536.0**	**568.7**	**520.2**	**585.4**	**531.5**	**488.1**
European Union **2**	*1.0#*	*1.1#*	*2.2#*	*5.7#*	*3.7#*	*5.3#*	*2.2#*	*3.3#*
Belgium-Luxembourg	0.2	0.7#	0.8#	1.4#	0.9#	1.2	0.6	0.5E
Denmark	0.1	-	-	-	-	-	-	-
France	28.7	29.6#	27.1#	31.1	29.6#	28.7#	25.6	23.6
Germany	0.7	1.1#	0.8#	0.6#	2.3#	2.5	2.1	1.5
Greece	-	-	24.0#	-	-	-	-	-
Italy	-	-	0.2#	0.1#	0.1#	0.1#	0.1#	-
Netherlands	5.3	7.7#	6.1	5.3	4.8#	3.0#	2.5E	3.1
Spain	17.5	19.5#	15.3#	17.7#	27.9#	23.7#	10.3	13.5
United Kingdom	0.2	0.3#	0.2#	0.5#	0.4#	0.5#	0.6	0.4
Other Europe	*388.4*	*415.9*	*461.5*	*512.0*	*454.2*	*525.7*	*469.7*	*445.5*
Norway	53.4	42.5#	50.0#	61.5#	63.7#	66.3	67.7#	52.9#
Sweden	335.0	373.4	411.5#	450.5#	390.5	459.4#	422.0#	392.6#
OCEANIA	**1196.9**	**1403.1**	**1632.7**	**1970.5**	**2194.3**	**2075.3**	**1956.3**	**2366.9**
Australia	1181.6#	1390.8#	1620.0#	1960.0#	2183.0#	2060.0	1942.4#	2352.4#
New Zealand	15.3	12.3#	12.7#	10.5#	11.3#	15.3#	13.9	14.5
DEVELOPING COUNTRIES AND TERRITORIES	**3060.5**	**3365.7**	**3959.2**	**4227.9**	**4329.1**	**3660.3**	**3629.6**	**3684.4**
AFRICA	**483.9**	**511.1**	**682.4**	**614.1**	**504.7**	**415.8**	**488.6**	**484.4**
Algeria	0.2E	-	0.3#	0.3E	0.2E	0.7#	0.2	0.2E
Liberia	217.9	220.0E	286.0E	93.0E	24.0E	29.0E	-	-
Mauritania	134.0#	143.5#	185.1#	220.2#	192.0E	164.1#	193.0E	186.0E
Morocco	-	1.3#	1.6	1.4	3.3	3.0	2.5e	1.5E
South Africa	131.8	146.1#	209.2#	299.0#	285.2#	219.0#	292.9#	296.7#
Tunisia	-	0.2#	0.2E	0.2E	-	-	-	-
AMERICA	**2052.0**	**2286.1**	**2632.2**	**2954.7**	**3160.1**	**2738.0**	**2635.4**	**2758.0**
Bolivia	..	0.2	0.3	3.0E	0.1	0.6	0.6	-
Brazil	1615.4#	1900.4#	2176.0#	2436.5#	2603.9#	2303.4#	2190.5	2294.8#
Chile	95.7#	105.4	125.7	138.4	158.1	137.6	112.2	125.8
Mexico	-	-	-	-	3.0	1.4	0.7	2.0
Peru	70.9	61.0#	60.2E	51.8#	42.0E	45.0E	81.4#	105.4#
Venezuela	270.0	219.1#	270.0E	325.0	353.0	250.0	250.0E	230.0E
ASIA	**524.6**	**568.5**	**643.6**	**655.2**	**661.8**	**504.9**	**505.6**	**442.0**
India	427.6	461.5	571.6	578.2	583.4	425.9	430.6	370.0E
Other Asia	97.0E	107.0E	72.0E	77.0E	78.4	79.0E	75.0	72.0E
EUROPE	**-**	**-**	**1.0**	**3.9**	**2.5**	**1.6**	**-**	**-**
Yugoslavia (former)	-	-	1.0#	3.9#	2.5E	1.6E	-	-
COUNTRIES IN EASTERN EUROPE	**1215.4**	**1143.3**	**1047.6**	**986.2**	**745.0**	**730.0**	**700.0**	**640.0**
USSR (former)	1215.4	1143.3	1047.6	986.2#	745.0E	730.0E	700.0E	640.0E

1 Value of exports: f.o.b. value of iron ore exported, converted to United States dollars using exchange rates indicated by governments, or converted on the basis of exchange rates supplied by I.M.F.

2 European Union Total: excluding the European Union's internal trade.

17. IRON ORE: Value of Imports [1]

(million dollars)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994
WORLD	**8406.5**	**9026.6**	**10379.0**	**11183.1**	**11582.1**	**10826.7**	**10103.2**	**9904.0**
DEVELOPED MARKET ECONOMY COUNTRIES	**6297.0**	**6815.6**	**7668.6#**	**8401.0**	**8454.7**	**7769.3**	**6850.9**	**3788.8**
AMERICA	**672.6**	**753.9**	**720.2#**	**793.3**	**596.3**	**579.7**	**584.2**	**671.0**
Canada	194.6	185.1#	197.9#	146.1#	159.7#	184.1	169.1#	161.1#
United States	478.0	568.8	522.3#	647.2#	436.6#	395.6#	415.1#	509.9#
EUROPE	**3005.9**	**3203.8**	**3771.1**	**4186.2**	**4147.6**	**3942.6**	**3251.8**	**3072.8**
European Union 2	*2814.6*	*2898.6*	*3298.4*	*3612.4*	*3799.6*	*3520.8*	*2639.0*	*3920.0*
Belgium-Luxembourg	341.1	390.5#	404.2#	485.1#	497.4#	472.3#	305.4	373.2
Denmark	0.9	- #	1.1	0.8#	0.7#	0.6	0.9	2.0E
France	300.2	377.5#	473.6#	510.6#	521.0#	487.8#	433.5	462.4
Germany	1121.0	1172.6#	1328.2#	1472.1#	1458.8#	1419.0#	1022.6	1245.6
Italy	354.4	289.9#	455.9#	472.4#	502.4#	425.3#	425.7	378.0
Netherlands	146.8	146.0	144.0	174.0	160.9	171.1	183.6	176.9
Portugal	18.6	13.0#	18.7#	14.8#	17.4#	16.8#	17.1	19.0
Spain	125.5	138.9#	193.8#	207.6#	232.0#	204.4#	173.1	186.6
United Kingdom	432.7	473.5#	502.2#	586.3#	512.3#	480.0#	443.5	-
Other Europe	*164.7*	*201.9*	*249.4*	*260.5*	*244.7*	*266.3*	*246.4*	*229.1*
Austria	110.6	144.3	143.6	152.7	134.7	151.1#	127.2	120.0E
Finland	49.5	45.4#	95.0#	96.0	92.4#	97.4	85.0	95.0E
Iceland	0.7	1.0	0.8	0.9	0.9	0.8	0.9	0.8
Norway	0.8	5.3#	0.9#	0.9#	1.1#	3.4#	15.3#	0.4#
Sweden	2.9	5.7	9.1	10.0#	15.6	13.6#	18.0#	12.9#
Switzerland	0.2	0.2	-	-	-	-	-	-
ASIA	**2618.4**	**2852.7**	**3137.3**	**3374.1**	**3644.8**	**3194.4#**	**2976.6**	**2906.7**
Japan	2618.4	2852.7	3137.3	3374.1	3644.8	3194.4#	2976.6	2906.7
OCEANIA	**0.1#**	**5.2#**	**40.0#**	**47.4**	**66.0e**	**51.6**	**47.3**	**45.0e**
Australia	0.1#	5.2#	40.0#	47.4	66.0e	51.6	47.3	45.0e
DEVELOPING COUNTRIES AND TERRITORIES	**964.2**	**1098.3**	**1468.6**	**1572.5**	**1837.7**	**1732.9**	**1738.8**	**1582.0**
AFRICA	**1.3**	**6.4**	**12.6**	**10.2**	**6.3**	**5.1**	**4.0**	**4.2**
Nigeria	-	5.0	10.0E	8.0E	4.0E	4.0E	2.0E	1.7E
Tunisia	1.3	1.4	2.6	2.2	2.3	2.1	2.0	2.5
AMERICA	**101.4**	**127.6**	**158.5**	**181.7**	**141.2**	**174.4**	**152.1**	**162.0**
Argentina	99.7	102.4#	137.0#	126.5	99.7	138.7	110.1	112.0E
Mexico	1.7	25.2#	21.5#	18.2#	7.5E	0.7#	-	-
Trinidad and Tobago	..	..	..	37.0E	34.0E	35.0E	42.0#	50.0E
ASIA	**824.7**	**904.7**	**1206.5**	**1340.3**	**1654.2**	**1530.4**	**1574.7**	**1412.8**
Democratic People's Republic of Korea	12.0E	14.0E	14.0E	14.5E	15.0E	14.5E	14.0e	14.0E
Indonesia	42.0E	46.0E	70.0E	74.0E	75.0E	70.0e	65.0e	65.0E
Malaysia	24.5	15.4#	38.1#	58.6	51.8	35.0e	77.4	62.0e
Pakistan	29.2	46.9	46.8	36.9	53.6	47.7	55.9	49.4
Qatar	28.0E	30.0E	34.0E	34.0E	35.0E	36.0E	34.0e	33.0E
Republic of Korea	363.0	345.5	549.9#	642.5#	891.5#	879.8	886.7	794.1
Saudi Arabia	49.4	49.7	78.6	81.8	83.0E	70.0E	53.0e	51.0E
Singapore	0.2	0.2E	0.2	0.7	0.2	0.2E	0.2E	0.1E
Taiwan Province of China	146.3	187.7	211.0	227.6	264.0	215.7	230.0e	190.0E
Turkey	42.1#	75.3#	64.9#	69.7#	92.6#	68.5#	70.5#	61.7#
United Arab Emirates	2.0E	2.0E	4.0E	3.0E	3.0E	3.0E	3.0e	2.5E
Other Asia	86.0E	92.0E	95.0E	97.0E	89.5	90.0E	85.0e	90.0
EUROPE	**36.8**	**59.6**	**91.0**	**40.3**	**36.0**	**22.0**	**8.0**	**3.0**
Yugoslavia (former)	36.8#	59.6#	91.0#	40.3#	36.0E	22.0E	8.0e	3.0E

17. IRON ORE: Value of Imports[1]
(concluded)

(million dollars)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994
COUNTRIES IN EASTERN EUROPE	**877.8**	**852.7**	**911.9**	**815.5**	**726.3**	**560.2**	**589.5**	**606.0**
Bulgaria	51.7E	51.3E	50.5E	42.9#	15.0E	14.0E	10.1e	10.0E
Czechoslovakia (former	290.0	272.0E	280.0E	284.0E	273.0#	265.0E	-	-
Czech Republic	..	..	..	..	..	..	145.0E	160.0E
Slovakia	..	..	..	..	..	..	107.0E	110.0E
German Dem. Rep. (former)	69.0E	62.0E	102.2#	75.0E	-	-	-	-
Hungary	51.2	47.0E	58.1#	51.5	53.5	45.0E	46.0	50.0
Poland	163.9	157.4	236.0E	209.0E	196.3	188.2	191.0	188.0E
Romania	252.0E	263.0E	185.1	153.1	188.5	48.0	90.4	88.0E
CHINA	**269.5**	**260.0**	**329.9#**	**394.1**	**563.4**	**764.3**	**915.0**	**1020.5**

1 Value of Imports: c.i.f. value of iron ore imported expressed in United States dollars converted using exchange rates indicated by governments or on the basis of rates supplied by I.M.F.

2 European Union Total: excluding the European Union's internal trade

18. IRON ORE: Apparent Consumption[1]

(thousand tonnes, natural weight)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
WORLD	**931467**	**952723**	**971389**	**977396**	**937910**	**919168**	**923547**	**954617**	**3.4**
DEVELOPED MARKET ECONOMY COUNTRIES	**352486**	**367288**	**374582**	**378017**	**366524**	**342858**	**323459**	**348932**	**7.9**
AMERICA	**71489**	**87033**	**79381**	**83417**	**76848**	**76956**	**76083**	**82971**	**9.1**
Canada	12071	14677	16268	13105	12043	14597	11520	12012	4.3
United States	59418	72356	63113	70312	64805	62359	64563	70959	9.9
EUROPE	**144853**	**154128**	**163059**	**150176**	**147938**	**139292**	**125842**	**145123**	**15.3**
European Union	*131912*	*140546*	*148891*	*137064*	*134441*	*126291*	*114281*	*130715*	*14.4*
Belgium-Luxembourg	18382	20788	19776	20262	19473	17975	12715	14920	17.3
Denmark	5	-1	4	-1	1	1	7	33	371.4
France	22882	24874	25812	24247	22545	20051	17273	20073	16.2
Germany	39824	45219	47265	43810	43325	41350	35264	42590	20.8
Greece	-	-	-24	-	-	-	-	-1	-
Italy	16523	16200	18201	17203	17855	15064	16741	16402	-2.0
Netherlands	6944	7339	8026	8221	7827	7495	8532	8532	-
Portugal	794	502	709	469	466	565	589	553	-6.1
Spain	8268	7536	9913	8102	9354	7965	7239	8152	12.6
United Kingdom	18290	18089	19209	14751	13595	15825	15921	19461	22.2
Other Europe	*12941*	*13582*	*14168*	*13112*	*13497*	*13001*	*11561*	*14408*	*24.6*
Austria	6360	6464	6602	6192	6088	5542	5018	5565	10.9
Finland	2909	2957	2600	3158	3070	3308	3361	3519	4.7
Iceland	17	23	17	18	17	17	22	17	-22.7
Norway	631	1080	394	-20	138	-21	280	403	43.9
Sweden	3015	3046	4555	3764	4184	4155	2880	4904	70.3
Switzerland	9	12	-	-	-	-	-	-	-
ASIA	**112329**	**123655**	**127960**	**125498**	**127226**	**113743**	**114484**	**116090**	**1.4**
Japan	112329	123655	127960	125498	127226	113743	114484	116090	1.4
OCEANIA	**23815**	**2472**	**4182**	**18926**	**14512**	**12867**	**7050**	**4748**	**-32.7**
Australia	23196	1584	3182	17644	13488	12115	5979	3503	-41.4
New Zealand	619	888	1000	1282	1024	752	1071	1245	16.2
DEVELOPING COUNTRIES AND TERRITORIES	**153540**	**154989**	**165112**	**167073**	**173524**	**180748**	**177874**	**192646**	**8.3**
AFRICA	**21571**	**20055**	**23602**	**20868**	**20350**	**21370**	**16318**	**19373**	**18.7**
Algeria	3562	3400	2728	2912	2680	2522	2261	2350	3.9
Egypt	2112	2400	2400	2420	2371	3242	3709	3900	5.1
Liberia	296	-971	-447	94	185	432	-800	-	-
Mauritania	118	-223	976	60	-275	168	-90	101	-
Morocco	204	37	39	-13	-12	13	113	25	-77.9
Nigeria	-	152	770	300	150	150	100	-	-
South Africa	13206	13744	15392	13262	13484	13358	10361	12716	22.7
Tunisia	353	267	273	253	269	277	281	281	-
Zimbabwe	1720	1249	1471	1580	1498	1208	383	-	-
AMERICA	**56430**	**60466**	**59608**	**59357**	**59503**	**62317**	**59975**	**69971**	**16.7**
Argentina	4142	4293	4493	3592	2399	3577	3207	3402	6.1
Bolivia	-	-	-11	-100	0	50	56	55	-1.8
Brazil	36817	40697	42102	38007	37440	39829	38112	42790	12.3
Chile	802	898	690	1265	1285	1920	739	1970	166.6
Colombia	615	615	600	628	607	713	600	600	-
Mexico	7419	8289	8198	8477	9288	7573	7940	9165	15.4
Peru	1137	-510	-79	1	1011	-120	1076	5082	372.4
Trinidad and Tobago	..	..	..	988	900	950	1219	1500	23.1
Venezuela	5498	6184	3615	6499	6573	7825	7026	5407	-23.0

18. IRON ORE: Apparent Consumption[1]
(concluded)

(thousand tonnes, natural weight)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
ASIA	**68475**	**67439**	**75167**	**81252**	**89999**	**94761**	**100781**	**103051**	**2.3**
Bahrain	..	..	273	347	-84	140	-198	-129	-
Democratic People's Republic of Korea	8600	8700	9700	10200	10200	10200	10700	10700	-
India	22354	17882	17955	22117	25345	26410	25608	29000	13.2
Indonesia	1400	1400	2000	2000	2000	2100	2310	2400	3.9
Iran,Islamic Rep.	1800	1900	2630	3000	3024	3200	3400	4000	17.6
Malaysia	980	659	1103	1579	1542	1933	1632	1710	3.2
Pakistan	1105	1528	1393	1162	1605	1398	1982	1889	-4.7
Qatar	700	800	792	863	900	950	1000	1000	-
Republic of Korea	17117	17151	23134	22870	28730	32079	35793	34460	-3.7
Saudi Arabia	1478	1245	1652	1468	1093	1450	2200	2300	4.5
Singapore	1	10	1	5	2	0	0	0	-
Syrian Arab Republic	..	..	..	22	22	22	22	2	-90.9
Taiwan Province of China	6140	8477	8370	7760	8433	7251	9019	8342	-7.5
Thailand	97	99	160	132	228	459	208	149	-28.4
Turkey	6745	7812	6334	8107	7394	6669	6894	7128	3.4
United Arab Emirates	160	140	150	100	100	120	110	100	-
Other Asia	-202	-364	-480	-480	-535	380	100	-	-
EUROPE	**7064**	**7029**	**6735**	**5597**	**3672**	**2300**	**800**	**250**	**-68.7**
Yugoslavia (former)	7064	7029	6735	5597	3672	2300	800	250	-68.7
COUNTRIES IN EASTERN EUROPE	**269324**	**265125**	**257143**	**248613**	**204114**	**174453**	**154464**	**136737**	**-11.5**
Bulgaria	4165	3938	3533	3043	1409	765	1185	1523	28.5
Czechoslovakia (former)	16886	16491	15853	15883	13768	12490	..	-	-
Czech Republic	..	..	..	..	..	..	7226	7501	3.8
Slovakia	..	..	..	-	-	-	5874	5284	-10.0
German Dem. Rep.(former)	4300	4200	4000	2800	-	-	-	-	-
Hungary	3403	2885	3263	3202	2700	2400	2800	3200	14.3
Poland	17122	16674	13448	12071	7424	8076	8776	9600	9.4
Romania	17981	16000	15626	11935	7339	2734	3903	5629	44.2
USSR (former)	205467	204937	201420	199679	171474	147988	124700	104000	-16.6
of which									
Kazakhstan	..	..	..	..	..	..	6037	..	-
Russian Federation	..	..	..	95185	81064	72206	64845	73300	13.0
Ukraine	..	..	..	105866	86813	76000	65503	45000	-31.3
CHINA	**156118**	**165321**	**174552**	**183693**	**193748**	**221109**	**267750**	**276302**	**3.2**

[1] Apparent consumption: relates to production plus imports minus exports. Stocks not considered.

19. IRON ORE: Reported consumption[1]

(thousand tonnes, natural weight)

Country or area	1987	1988	1989	1990	1991	1992	1993	1994
Algeria	..	..	2776#	2739#	..	4365#	..	..
Argentina	..	3753#	4675#	..	..	..	..	..
Australia	..	..	10010#	10000#	9363#	..	10949#	8424#
Austria	5665	5850	..	6104#	..	5022#	5206#	5598#
Brazil	32043#	..	26959	23747	24429#	25205#	24847#	26954#
Bulgaria	..	..	..	..	2025	1655	1874	..
Canada	14929#	14871#	15571#	11219#	12506#	14096#	13540#	12682#
Chile	..	..	1095	..	..	..	..	..
Colombia	..	615#	..	725#	705#	..	..	..
Czechoslovakia	15875#	15664#	..	15273	13455	12643#	..	..
Czech Republic	..	..	..	..	..	..	8044#	8567#
Slovakia	..	..	..	..	..	..	5695	5840#
EU	**131840**	**152002**	**152988#**	**146771#**	**145210#**	**133663#**	**136796#**	
Belgium Luxembourg	18198	19765#	19288#	19752#	20081#	17904#	17643#	..
France	22701	24816#	25440#	24393#	23252#	22131#	20768#	22647#
Germany	40550	50295#	50964#	46735#	48598#	44586#	42224#	46762#
Italy	17090	19384#	18787#	18554#	16833#	13759#	19325#	..
Netherlands	7181	7979#	8228#	7901#	7479#	7678#	8445#	8514#
Portugal	639	729#	621#	554#	419#	656#	662#	678#
Spain	7795	7860#	9186#	8814#	9116#	8209#	8753#	..
United Kingdom	17682	21174#	20474#	20068#	19432#	18740#	18960#	19727#
Egypt	..	..	..	3980#	4407#	4200#	3000#	3466#
Finland	3169	3370#	3546#	3633	3035#	3783#	3869	3951#
German Dem. Rep.(former)	4405	..	4307	..	-	-	-	-
Hungary	3563	2885#	3680#	2944	2240	1910	2428	..
Japan 2	101238	129369#	131573#	132161#	131989#	120538#	120538#	121487#
India	26159#	28524#	..	..	..	..	27000	..
Indonesia	..	..	..	..	..	..	2310#	..
Iran, Islamic Rep. of	..	..	..	..	3333#	..	..	..
Kazakhstan	..	..	..	..	..	..	6568#	..
Malaysia	..	201#	154#	..	..	170#	..	..
Mexico	9109#	10983#	10049#	9687#	..	7453#	..	..
Morocco	..	17#	..	..	..	..	..	..
Norway	722	673#	..	..	..	..	..	..
Peru	357	..	..	..	..	..	312#	263#
Philippines	..	34#	..	..	..	..	..	..
Poland	18161	16245#	16200	16638	9776	12037	10000	..
Republic of Korea	..	..	23000#	22968	27890#	..	..	..
Romania	..	..	..	13500#	9369	6254	6024#	..
Saudi Arabia	..	..	..	..	..	..	..	..
South Africa	..	..	..	..	..	11330#	10579#	10741#
Sweden	3500e	3749	4357#	3881#	4363#	3975#	4279#	4411#
Syrian Arab Republic	..	..	..	10#	..	..	..	..
Trinidad and Tobago	..	..	..	1020#	..	..	1132#	..
Thailand	..	..	..	..	..	260#	..	149#
Tunisia	..	350#	203#	..	..	..	..	..
Turkey	5736	7504#	6744#	8734#	7557#	7444#	7171#	7052#
United States	62425#	73602#	73662#	73685#	63662#	73704#	76793#	..
Venezuela	5498	5086	4595#	4977#	6735#	4941#	8085#	..
Yugoslavia (former)	11466	4498	6220#	..	..	..	..	..
Zimbabwe	..	1024#	993#	1030#	841#	884#	414#	177#

1 Reported consumption: relates to domestic and imported ores in any form (ore, pellets, sinter) consumed in iron and steel plants, as well as ores consumed for non-metallurgical uses. Excluding as far as possible iron ore consumed in agglomeration plants.

2 Dry weight

20. IRON ORE: Reported consumption by products, 1994

(thousand tonnes)

Country or area	Non-agglomerated					Agglomerated		TOTAL
	Lumps [1]	Fines & Conc [2]	Pellet feed [3]	Others [4]	Total	Pellets [5]	Sinter [6]	
France	..	..	..	..	3,330	193	19,124	22,647
Germany	..	..	..	..	5,164	14,462	27,136	46,762
Luxembourg	..	..	..	..	13	-	3,650	3,663
Netherlands	..	..	..	..	44	4,754	3,716	8,514
Portugal	..	..	..	..	-	230	448	678
United Kingdom	..	..	..	..	4,749	1,153	13,825	19,727
Egypt	50	2,463	..	..	2,513	1,166	2,250	5,929
Japan	..	..	..	38	20,956	8,755	91,776	121,487
Sweden	-	1,151	-	-	1,151	3,260	-	4,411
Czech Rep.	17	-	-	-	17	2,042	6,508	8,567
Slovakia	-	2,767	-	12	2,779	2,508	3,320	8,607

1 Marketable iron ore between 10 and 30mm with usually less than 20 per cent fines

2 Marketable fine ore, usually below 10mm (or similar size) and/or marketable product from a concentration plant

3 Fine ore or concentrate very fine, usually below 0.1mm

4 Run of mine

5 Iron ore fines agglomerated into a rough ball shape typically 10mm

6 Agglomerated fines or concentrates and other iron-bearing materials

21. IRON ORE: Reported stocks[1]

(thousand tonnes)

Country or area	1987	1988	1989	1990	1991	1992	1993	1994
Algeria *(Total)*	*614#*	..	..	*805#*	*708#*	*1401#*	..	..
(producers)	..	..	597#	478#	..	444#	..	..
(consumers)	..	..	208#	230#	..	957	..	..
Australia *(Total)*	..	..	..	..	..	..	*18151*	*20536*
(producers)	..	..	..	..	..	..	16857#	17468#
(consumers)	..	..	..	..	..	..	1294	3068#
Austria *(Total)*	..	..	*1237#*	..	..	..	..	..
(producers)	..	..	219#	294#	..	430#	229#	179#
(consumers)	..	..	..	943#	..	..	..	..
Bolivia (producers)	..	..	3#	..	..	..	..	..
Brazil (producers)	..	1342#	..	..	6945#	..	..	..
Canada *(Total)*	*6846*	*7489*	*8856*	..	..	*10075*	*7465*	*7176*
(producers)	2449	3156#	4388#	..	5366#	6357#	3836#	3457#
(consumers)	4397	4333#	4468#	..	..	3718#	3629#	3719#
Chile *(Total)*	..	..	..	..	..	..	..	..
(producer)	1046#	1095#	..	1062#	767#	..	..	..
(consumers)	..	..	..	..	..	..	..	..
Czechoslovakia(consumers)	..	..	..	..	..	793#	..	..
Czech Republic(consumers)	..	..	..	..	..	..	..	..
Slovakia(consumers)	..	..	..	..	..	..	..	273#
European Union *(Total)*	*19536*	*17850*	*19249*	*17361*	*17683*	*16146*	*13724*	..
(producers)	3040#	1972#	1573#	1620#	1482#	1235#	433#	..
(consumers)	16496#	15878#	17676	15741#	16201#	14911#	13291#	..
Belgium (consumers)	1299#	1284#	1336#	1381#	1580#	983#	1286#	..
France *(Total)*	*5328#*	*3636#*	*3635#*	*3665#*	*3394#*	*2972#*	*1545#*	..
(producers)	2060#	1069#	680#	1141#	976#	848#	195#	..
(consumers)	2856#	2567#	2955#	2524#	2418#	2124#	1350#	..
Germany *(Total)*	*3569#*	*3332#*	*3388#*	*3252#*	*3642#*	*3887#*	*2934#*	*2931#*
(producers)	82#	22#	48#	44#	66#	80#	0#	0#
(consumers)	3487#	3310#	3340#	3208#	3576#	3807#	2934#	2931#
Italy *(Total)*	*1809#*	*2118#*	*2569#*	*1976#*	*2039#*	*1926#*	*2262#*	..
(producers)	0#	0#	0#	0#	0#	0#	..	
(consumers)	1809#	2118#	2569#	1976#	2039#	1926#	2262#	
Luxembourg (consumers)	1126#	961#	1017#	984#	905#	777#	572#	..
Netherlands (consumers)	1463#	1347#	1365#	1227#	1513#	907#	1263#	..
Portugal (consumers	138#	89#	192#	104#	95#	150#	154#	..
Spain *(Total)*	*1686*	*1910*	*1896*	*1488*	*1597#*	*1733#*	*832#*	*1241#*
(producers)	898#	881#	845#	435#	440#	307#	238#	114#
(consumers)	788#	1029#	1051#	1053#	1157#	1426#	594#	1127#
United Kingdom (consumers)	3530#	3173#	3851#	3284#	2898#	2811#	2876#	3264#
Egypt *(Total)*	*513*	..	..	*1080*	*700#*	*2542#*	*1117#*	*527#*
(producers)	455#	..	..	340#	200#	1390#	662#	25#
(consumers)	58#	..	..	740#	500#	1152#	455#	502#
Finland *(Total)*	..	..	..	..	*235*	*332#*	..	*246*
(producers)	..	..	..	..	-	-	-	
(consumers)	..	200#	260#	..	235#	332#	..	246#
Hungary (consumers)	..	227#	455#	320#	..	..	..	..
Iran,Islamic Rep. of *(Total)*	..	..	..	..	*1827*	..	..	..
(producers)	..	..	..	..	1189#	..	..	
(consumers)	..	..	..	..	638#	..	..	..
Japan 2	14232	17118#	19171#	16165#	16725#	14192#	15368#	13121#
Liberia	2500	1800	..	..	..	..	..	..
Malaysia (producers)	..	22#	1#	..	..	..	..	..
(consumers)	..	..	..	..	..	280#	..	..
Mauritania (producers	..	342#	866#	1426#	381#	..	1100#	1559#
Mexico *(Total)*	..	..	*794*	*1366#*	..	..	..	..
(producers)	..	..	274#	619#	..	644#	..	..
(consumers)	..	..	520#	747#	..	310#	..	..

21. IRON ORE: Reported stocks[1]
(concluded)

(thousand tonnes)

Region country or area	1983	1984	1985	1986	1987	1988	1989	1990
Morocco (producers)	..	68#	..	67#	6#	..	..	120#
Norway (producers)	..	..	751#	..	..	..	..	..
Peru (producers)	..	781#	..	502#	1189#	..	..	..
(consumers)	..	..	..	..	49#	..	..	..
Philippines (consumers)	..	4#	..	277#	..	..	..	..
Poland (consumers)	..	9365#	..	..	..	..	..	..
Republic of Korea ***(Total)***	..	..	***1410***	***1455***	***2200***	..	..	***2030***
(producers)	..	..	10#	..	-#	..	..	
(consumers)	..	..	1400#	..	2200#	..	..	2030#
Romania ***(Total)***	..	..	..	***343***	..	..	..	..
(producers)	..	..	..	174#	..	..	..	..
(consumers)	..	..	..	69#	..	..	..	..
Sweden (producers)	..	..	1752#	2002#	1879#	2224#	898#	1517#
Turkey ***(Total)***	..	***3091***	***3926***	..	***2734***	***2480***	***3059***	***2293***
(producers)	..	1793#	2310#	..	1329#	1273#	1452#	1499#
(consumers)	..	1298#	1616#	2326#	1405#	1207#	1607#	794#
United States ***(Total)***	***22877***	***20182***	***25900***	***22977***	***28400***	***22857***	***20000E***	
(producers)	6312	3296	4575	4795#	4853#	3783#	2504	2754#
(consumers)	16565	16886	15730#	15911#	17612#	19074#	..	16313#
Venezuela (producers)	2033#	2845#	1184#	1969#	1670#	2477#	..	..
Yugoslavia (former) ***(Total)***	..	***542***	***1917#***	..	..	..	..	..
(producers)	..	259#	79#	..	..	..	..	..
(consumers)	..	283#	1838#	..	..	..	..	..
Zimbabwe ***(Total)***	..	***4782***	***5848***	***6045***	***7124***	***6833***	***6809***	***7953***
(producers)	..	4130#	4789#	5091#	5614#	5743#	5768#	38#
(consumers)	..	652#	1059#	954#	1510#	1090#	1041#	7915#

1 Reported stocks: inventories at the end of calendar year (31 December) held by producers at mines, plants or loading docks, or by consumers at iron, steel or sinter plants, as well as in receiving docks.

2 Dry weight.

22.A IRON ORE: Reported stocks by products (producers), 1994

(thousand tonnes)

Country or area	Non-agglomerated ores							Agglomerated	
	Run of mine [1]	Lumps [2]	Fines [3]	Concentrates [4]	Pellet-feed [5]	Others	Total	Pellets [6]	Sinter [7]
Egypt	-	17	8	-	-	-	25	-	-
Mauritania	187	296	688	388	-	-	1,559	-	-
Morocco	100	-	10	10	-	-	120	-	-
Spain	..	..	..	..	..	..	114	-	-
Sweden	-	181	779	1	-	-	961	556	-
Turkey	-	269	988	92	-	-	1,349	150	-
Zimbabwe	38	-	-	..	..	..	38	-	-

22.B IRON ORE : Reported stocks by products (consumers), 1994

(thousand tonnes)

Country or area	Non-agglomerated ores							Agglomerated	
	Run of mine [1]	Lumps [2]	Fines [3]	Concentrates [4]	Pellet-feed [5]	Others	Total	Pellets [6]	Sinter [7]
Egypt	-	141	61	-	-	-	202	300	-
European Union	..	..	..	..	..	..	..	..	..
Belgium	..	..	..	..	..	..	..	..	..
France	..	..	..	..	..	..	..	..	..
Germany	..	..	..	..	..	..	2,002	431	498
Italy	..	..	..	..	..	..	..	..	..
Luxembourg	..	..	..	..	..	..	..	-	-
Netherlands	..	..	..	..	..	..	790	121	50
Portugal	..	..	..	..	..	..	..	..	..
Spain	..	..	..	..	..	..	800	242	85
United Kingdom	..	..	..	..	..	..	2,092	431	498
Korea Republic	100	230	1,600	..	..	..	1,930	100	-
Slovakia	..	..	..	..	..	..	172	56	45
Turkey	-	258	481	16	-	-	755	39	-
Zimbabwe	11	163	7,741	-	-	-	7,915	-	-

1 Marketable unprepared iron ore with more than 20 per cent fines.

2 Marketable iron ore between 10 and 30mm with usually less than 20 per cent fines.

3 Marketable fine ore, usually below 10mm (or similar size).

4 Marketable product from a concentrate plant.

5 Fine ore or concentrate very fine, usually below 0.1mm.

6 Iron ore fines agglomerated into a rough ball shape typically 10mm.

7 Agglomerated fines or concentrates and other iron bearing materials.

23. PIG IRON: Production[1]

(thousand tonnes)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
WORLD	**508160**	**537545**	**545015**	**532123**	**507147**	**499019**	**502091**	**510517**	**1.7**
DEVELOPED MARKET ECONOMY COUNTRIES	**225613**	**247376**	**251122**	**243746**	**236080**	**228207**	**229834**	**236298**	**2.8**
AMERICA	**53636**	**60059**	**60816**	**57173**	**52391**	**55998**	**56788**	**57474**	**1.2**
Canada	9719	9498#	10139#	7346	8268	8621	8633	8106	-6.1
United States	43917	50561	50677	49827#	44123#	47377#	48155#	49368#	2.5
EUROPE	**92989**	**102386**	**104135**	**100302**	**98147**	**92739**	**92461**	**97582**	**5.5**
European Union	*84752*	*93681*	*95134*	*91777*	*89564*	*84517*	*84011*	*88626*	*5.5*
Belgium-Luxembourg	10559	11701#	11607#	12082	11839	10779	10593	10987	5.5
France	13236	14786#	15071#	14414	13646	13051	12624	13293	3.7
Germany	28119	32453#	32777#	30098	30989	28548	26970	29923	10.9
Italy	11372	11376#	11788#	11882	10856	10461	11066	11157	0.8
Netherlands	4574	4994#	5163#	4960	4696	4849	5411	5444	0.6
Portugal	430	445#	377#	340	251	402	397	415	4.5
Spain	4804	4691#	5535#	5682	5404	5076	5394	5448	1.0
United Kingdom	11658	13235#	12816#	12319	11883	11351	11556	11959	3.5
Other Europe	*8237*	*8705*	*9001*	*8525*	*8583*	*8222*	*8450*	*8956*	*6.0*
Austria	3417	3664	3823#	3452#	3441#	3074#	3070#	3320#	8.1
Finland	2064	2180#	2300#	2283	2330#	2413#	2535	2599#	2.5
Norway	371	367#	240#	54	-	-	-	-	-
Sweden	2315	2494	2638#	2736#	2812#	2735#	2845	3037#	6.7
Switzerland	70	-	-	-	-	-	-	-	-
ASIA	**73419**	**79221#**	**80121**	**80144**	**79909**	**73086**	**73738**	**73776**	**0.1**
Japan	73419	79221#	80121#	80144#	79909#	73086#	73738#	73776	0.1
OCEANIA	**5569#**	**5710#**	**6050**	**6127**	**5633**	**6384**	**6847#**	**7466**	**9.0**
Australia	5569#	5710#	6050#	6127	5633	6384	6847#	7466	9.0
DEVELOPING COUNTRIES AND TERRITORIES	**77667**	**83817**	**87155**	**86203**	**91320**	**92437**	**95043**	**97684**	**2.8**
AFRICA	**9610#**	**9270**	**9593E**	**9289#**	**9978#**	**9236#**	**8623#**	**8567#**	**-0.6**
Algeria	1499	1500	1300#	1300E	1200E	930#	950E	950E	-
Egypt	1071#	1112	1100E	1068#	1149#	1103#	1185#	1241#	4.7
South Africa	6317	6171	6513	6234	6968	6498	6121	6047	-1.2
Tunisia	163	128	155	148	172	158	165	145	-12.1
Zimbabwe	560	359#	525#	539	489#	547#	202#	184#	-8.0
AMERICA	**28199**	**30295**	**31454**	**28153**	**28243**	**28686**	**29561**	**31207**	**5.6**
Argentina	1775	1596#	2169#	1918	1437	971	990	1389	40.3
Brazil	21121#	23222#	24381	21141	22530#	22982#	23795#	25044	5.2
Chile	613	778	679	675	726	873	917	887	-3.3
Colombia	326	370#	297	323	304	298	235	244	3.8
Mexico	3712#	3678#	3230#	3665#	3039	3404#	3423	3475	1.5
Peru	178#	166#	209	117	207#	158	201	168	-16.4
Venezuela	474	485#	489#	314#	-	-	-	-	-
ASIA	**36991**	**41336**	**43206**	**46448**	**51833**	**53609**	**56757**	**57886**	**2.0**
Democratic People's Republic of Korea	5900E	5900E	5900E	5900E	6000E	6000E	6000E	6000E	-
India	10923	11724#	12080#	12644	14176	15126	15674	17303	10.4
Iran,Islamic Rep.	250E	250E	250E	1267	1952#	2053	1961	1883	-4.0
Malaysia	200E	- #	-	-	120E	95#	100E	120E	20.0
Pakistan	905	905	910E	920E	910E	800E	800E	800E	-
Republic of Korea	11057	12578	14840#	15390#	18510#	19323	21776	21239#	-2.5
Taiwan Province of China	3658	5487#	5708#	5491	5561	5292	6096	5941	-2.5
Thailand	10E	10E	10E	10E	10	-	-	-	-
Turkey	4068#	4462#	3508#	4826#	4594#	4920#	4350#	4600#	5.7
Other Asia	20E	20E	-	-	-	-	-	-	-
EUROPE	**2867**	**2916**	**2902**	**2313**	**1266**	**906**	**102**	**24**	**-76.5**
Yugoslavia (former)	2867	2916#	2902#	2313#	1266	906	102	24	-76.5

23. PIG IRON: Production[1]
(concluded)

(thousand tonnes)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
COUNTRIES IN EASTERN EUROPE	**149850**	**149312**	**148538**	**139568**	**112583**	**104937**	**90882**	**80125**	**-11.8**
Bulgaria	1657	1484	1484	1143	960	848	1023	1100E	7.5
Czechoslovakia (former)	9788	9706	9911#	9667	8479	8034#	-	-	-
Czech Republic	..	..	..	..	..	..	4655	5268#	13.2
Slovakia	..	..	..	..	..	..	3200	3330#	4.1
German Dem. Rep (former)	2755	2786	2732	2159	-	-	-	-	-
Hungary	2109	2000#	1951	1708	1311	1176	1408	1595	13.3
Poland	10121	9837#	9488	8352	6355	6348	6175	6800	10.1
Romania	9500E	8941#	9051#	6355#	4525#	3111	3191#	3500	9.7
USSR (former)	113920	114558#	113921#	110184#	90953	85420	71230	58532	-17.8
of which									
Kazakhstan	..	..	..	..	..	4659	3544	2432	-31.4
Russian Federation	..	..	..	59200#	48900#	45824	40818	36469	-10.7
Ukraine	..	..	..	..	..	34663#	26999	19984	-26.0
CHINA	**55030**	**57040**	**58200**	**62606**	**67164**	**73438**	**86332**	**96410**	**11.7**

1 Pig iron: primary iron produced from iron ore mainly in blast furnaces.

24. SPONGE IRON (DRI)[1]: Production

(thousand tonnes)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
WORLD	**13630**	**13872**	**15501**	**17258**	**19199**	**20921**	**24392**	**28203**	**15.6**
DEVELOPED MARKET ECONOMY COUNTRIES	**1140**	**1330**	**1349**	**1432**	**1332**	**1815#**	**2101#**	**2209#**	**5.1**
AMERICA	**940**	**1060**	**996**	**1122**	**970**	**1028#**	**1184#**	**1257#**	**6.2**
Canada	730	770	705	732	560	639	*744#*	770	3.5
United States	210	290	291	390	410	389#	440#	487#	10.7
EUROPE	**200**	**270**	**353**	**310**	**362**	**403#**	**275#**	**389#**	**41.5**
EU	*200*	*270*	*353*	*310*	*260*	*300*	*160*	*280*	*55.6*
Germany	200	270	353	310	260	300	180	280	55.6
EFTA	-	-	-	-	*102*	*103#*	*95#*	*109#*	*14.7*
Sweden	-	-	-	-	102	103#	95#	109#	14.7
OCEANIA	-	-	-	-	-	**384**	**642**	**563**	**-12.3**
New Zealand	-	-	-	-	-	384	642	563	-12.3
DEVELOPING COUNTRIES AND TERRITORIES	**11230**	**10862**	**12452**	**14136**	**16167**	**17526**	**20751**	**24284**	**17.0**
AFRICA	**1450**	**1632**	**1880**	**2191**	**2417**	**2633#**	**2691**	**2646#**	**-1.7**
Egypt	470	770	817	710	617	826#	837	774#	-7.5
Libyan Arab Jamahiriya	-	-	90	500	790	847	944	852	-9.7
Nigeria	140	132	133	121	110	50	40	40	-
South Africa	840	730	840	860	900	910	870	980	12.6
AMERICA	**6453**	**5938**	**6357**	**7016**	**8226**	**8646**	**9367**	**10326**	**10.2**
Argentina	1040	1067	1166	1035	960	1017	1156	1269	9.8
Brazil	200	195	239	280	226	230#	250#	218	-12.8
Mexico	1551	1686	2163	2525	2490	2394#	2737	3197	16.8
Peru	52	49	50	30	24	30	-	20	-
Trinidad and Tobago	490	593	695	800	710	675	734#	912	23.4
Venezuela	3120	2348	2044	2346	3816	4300	4490	4710	4.9
ASIA	**3327**	**3292**	**4215**	**4929**	**5524**	**6247**	**8693**	**11312**	**30.1**
India	177	195	360	750	1180	1440	2210	3120	41.2
Indonesia	1030	980	1210	1410	1430	1370	1395#	1620	16.1
Iran,Islamic Rep.o	-	-	40	300	584	709	1770	2861	61.6
Iraq	-	100	200	170	-	-	-	-	-
Malaysia	590	427	644	620	620	480#	710	990	39.4
Myanmar(Union of)	20	20	20	20	20	20	20	10	-50.0
Qatar	470	485	534	574	570	617	573	600	4.7
Saudi Arabia	1040	1075	1207	1085	1120	1611	2015	2111	4.8
COUNTRIES OF EASTERN EUROPE	**1260**	**1680**	**1700**	**1690**	**1700**	**1580**	**1540**	**1710**	**11.0**
USSR (former)	1260	1680	1700	1690	1700	1580	1540	1710	11.0

1 Sponge iron or DRI: primary iron produced through direct reduction, without exceeding the melting temperature

25. METALLICS : Reported consumption[1], 1992-1994

(thousand tonnes)

Country or area	Pig iron			Sponge iron			Ferrous scrap 2		
	1992	1993	1994	1992	1993	1994	1992	1993	1994
Australia	..	7,580	..	-	-	-	1,276	1,220	..
Brazil	20,552	21,100	..	229	250	..	6,086	6,761	..
Bulgaria	850	998	..	..	..	..	853	..	..
Canada	8,846	9,027	..	-	-	-	6,431	7,395	..
EU	*63,812*	..	..	..	..	..	*62,676*	*63,209*	..
Belgium-Lux.	10,809	10,566	..	..	..	3,905	4,297	..	..
Denmark	66	..	..	..	..	..	571	572	..
France	12,440	11,300	..	..	..	..	7,383	7,177	..
Germany	27,612	26,300	..	..	..	..	15,598	14,548	..
Greece	-	..	..	..	..	..	1,012	1,094	..
Ireland	-	-	-	-	-	-	287	360	..
Italy	11,084	11,180	..	..	..	..	17,172	17,447	..
Netherlands	4,847	5,405	..	..	..	..	1,059	1,177	..
Portugal	382	..	..	..	..	..	478	552	..
Spain	4,810	..	..	..	..	..	9,105	9,420	..
United Kingdom	11,747	11,836	11,552	..	..	..	6,106	6,565	..
Egypt	1,064	1,185	1,098	..	..	780	1,160	335	144
Finland	2,413	2,515	2,569	-	-	-	601	..	1000
Hungary	1,171	1,407	..	..	..	..	538	..	..
Indonesia	..	262	..	..	1,634	..	..	2,502	..
Japan	72,595	73,599	71,913	-	-	-	42,720	43,126	43,121
Malaysia	63	..	..	60	..	..	66	..	..
Peru	136	197	..	2	-	21	242	231	..
Poland	5,965	5,332	..	..	..	..	5,098	..	..
Republic of Korea	..	..	22,962	-	-	429	11,933	..	16,235
Romania	2,978	3,143	..	..	..	..	3,459	..	..
Slovak Rep.	..	3,228	..	..	..	..	..	..	..
Slovenia	314	..	..	..	..	..	..	..	..
Sweden	2,720	2,820	2,999	-	-	-	..	..	2,707
Thailand	159	..	44	..	-	-	863	..	1,524
Turkey	4,920	4,940	5,495	38	33	3	7,900	8,130	8,965
Russian Federation	..	38,678	33,819	..	..	..	..	..	..
United States	47,096	47,888	..	..	..	..	47,091	53,043	..
Venezuela	-	1	..	2,468	2,370	..	1,234	1,088	..
Zimbabwe	18	200	177	-	-	-	..	38	..

1 Reported consumption in iron and steel works

2 Ferrous scrap high in Fe used by the steel industry

26. METALLICS: Reported exports, 1992-1994

(thousand tonnes)

Country or area	Pig iron			Sponge iron			Ferrous scrap 2		
	1992	1993	1994	1992	1993	1994	1992	1993	1994
Australia	37	..	..	-	-	-	1,000	..	399
Brazil	2,415	2,078	2,631	-	-	-	1	15	1
Bulgaria	6	-	1	-	-	-	-	-	-
Canada	85	61	64	-	76	-	1,120	1,300	1,639
China	619	336	1,540	-	-	-	71	48	22
Czechoslovakia	-	79	..	60	..	..	886	..	..
Czech Republic	-	-	198	-	-	-	-	-	987
Slovak Republic	-	-	198	-	-	-	-	-	202
France	383	5	424	1	-	-	3,520	4,017	3,793
Germany	298	221	162	-	1	-	8,461	8,533	7,640
India	17	689	..	-	-	-	39	25	..
Japan	264	284	1,200	-	1	-	1,722	1,568	903
New Zealand	..	..	..	..	..	..	38	21	39
Norway	..	..	-	0	..	..	3	2	..
Russian Federation	..	2,540	3,100	..	..	..	..	..	..
Spain	-	57	1	-	-	-	..	..	..
Sweden	32	45	30	9	9	11	66	231	350
Thailand	-	-	-	-	-	-	14	33	46
Turkey	88	84	92	-	-	9	11	15	33
Trinidad & Tobago	..	-	..	..	224	..	..	26	..
United Kingdom	16	10	2	2	-	-	2,801	3,778	3,563
United States	35	27	56	0	17	17	9,203	9,869	8,839
Latvia	..	-	..	..	..	-	..	..	2
Venezuela	-	-	-	667	440	..	114	93	..
Zimbabwe	..	4	..	..	..	-	22	81	..

27. METALLICS : Reported imports, 1992-1994

(thousand tonnes)

Country or area	Pig iron			Sponge iron			Ferrous scrap 2		
	1992	1993	1994	1992	1993	1994	1992	1993	1994
Australia	-	-	13	-	-	33	-	-	49
Bulgaria	9	..10	-	-	-	-	-	0	
Canada	27	29	59	-	-	..	871	..	..
China	154	810	312	-	-	-	1,275	2,990	2,134
Colombia	6	2	..	5	16	..	190	316	..
Egypt	75	112	168	9	-	30	110	120	289
Finland	..	..	..	7	-	-	53	-	260
France	327	160	186	22	-	-	1,217	1,100	1,400
Germany	286	234	385	16	1	1	812	930	1,010
India	102	4	..	-	1	..	3,049	1,178	..
Japan	1,477	1,636	1,811	135	192	200	328	913	1,068
Latvia	12	14	30	-	-	-	4	0	2
Malaysia	165	101	..	1	-	-	705	1,417	..
Mexico	15	18	20	106	..	0	725	852	..
Moldova Rep.	..	5	2	..	..	..	..	1	4
New Zealand	-	-	-	5	-	-	-	75	13
Norway	3	5	8	25	30	8	133	224	200
Philippines	13	91	..	152	..	..	52	53	..
Republic of Korea	1,069	1,482	1,764	270	434	429	3,137	4,915	4,967
Romania	3	19	..	-	-	-	-	1	..
Slovak Rep.	..	..	..	..	..	..	..	..	61
Slovenia	13	12	..	-	0	-	1	2	..
Spain	104	145	232	112	135	222	4,240	4,033	4,623
Sweden	16	25	43	-	-	-	281	468	662
Thailand	159	..	44	-	-	8	865	1,458	1,157
Trinidad and Tobago	..	..	..	..	..	..	..	5	..
Turkey	396	698	564	33	3	-	4,434	6,373	5,917
United States	496	827	2,441	542	1,015	910	1,305	1,545	1,876
Venezuela	304	-	-	131	-	-	23	21	..

28. CRUDE STEEL[1]: Production

(thousand tonnes)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
WORLD	**735197**	**778505**	**784529**	**768742**	**734423**	**721391**	**729432**	**723410**	**-0.8**
DEVELOPED MARKET ECONOMY COUNTRIES	**340045**	**369756**	**373472**	**368694**	**359380**	**349104**	**357037**	**362457**	**1.5**
AMERICA	**95643**	**105555**	**104330**	**101219**	**92745**	**98275**	**103200**	**102452**	**-0.7**
Canada	14737	14866#	15458#	12281	12987	13933	14387#	13897	-3.4
United States	80876#	90649#	88852#	88918#	79738#	84322#	88793#	88555	-0.3
EUROPE	**139239**	**151461**	**153651**	**149660**	**149949**	**144954**	**145943**	**152398**	**4.4**
European Union	*125958*	*137426*	*139578#*	*136572*	*137522*	*132399*	*132181*	*138810*	*5.0*
Belgium-Luxembourg	13085	14883#	14687#	14953	14710	13398	13464	14392	6.9
Denmark	605	650#	624#	609	632	591	603	723	19.9
France	17432	18598#	18692#	19021	18401	17961	17109	18031	5.4
Germany 2	36248	41023#	41073#	38434	42169	39711	37625	40837	8.5
Greece	908	959#	956#	999	980	924	980	890	-9.2
Ireland	220	271#	324#	326	293	257	326	266	-18.4
Italy	22819	23762#	25216#	25472	25110	24842	25717	26057	1.3
Netherlands	5082	5518#	5681#	5412	5171	5439	5983	6171	3.1
Portugal	732	811#	761#	746	573	769	775	722	-6.8
Spain	11691	11886#	12765#	12705	12932#	12295	12974	13435	3.6
United Kingdom	17136	19065#	18799#	17895	16551	16212	16625	17286	4.0
Other Europe	*13281*	*14035*	*14073*	*13088*	*12427*	*12555*	*13762*	*13588*	*-1.3*
Austria	4301	4560#	4718#	4291#	4186	3953	4149#	4399#	6.0
Finland	2668	2798#	2921#	2861	2600#	2748#	3256	2979#	-8.5
Norway	851	910#	678#	376#	438#	446#	506	455	-10.1
Sweden	4595	4779	4692#	4455#	4248#	4358#	4591#	4955#	7.9
Switzerland	866	988	1064	1105	955	1050	1260	800	-36.5
ASIA	**98629**	**105780#**	**108009#**	**110466**	**109739#**	**98240#**	**99743**	**98414**	**-1.3**
Israel	116	99	100	135	90	109	120e	120E	-
Japan	98513	105681#	107909#	110331	109649#	98131#	99623	98294	-1.3
OCEANIA	**6534**	**6960**	**7482**	**7349**	**6947**	**7635**	**8151**	**9193**	**12.8**
Australia	6125#	6400#	6800#	6630#	6141	6877	7298#	8427#	15.5
New Zealand	409	560	682	719	806	758	853	766	-10.2
DEVELOPING COUNTRIES AND TERRITORIES	**114367**	**124900**	**130623**	**130421**	**138818**	**144783**	**155340**	**159503**	**2.7**
AFRICA	**12797**	**13119**	**13800**	**13381**	**14517**	**13632**	**13981**	**13408**	**-4.1**
Algeria	1533	1412	1042	836	840#	820#	865	807	-6.7
Egypt	1433	2025	2114	2247	2557	2524	2772	2791#	0.7
Libyan Arab Jamahiriya	10E	10E	10E	492	718	789	960	874	-9.0
Nigeria	137#	139#	213#	220	250	200	191	150	-21.5
South Africa	8836	8709	9567	8738	9358	8496#	8726	8320	-4.7
Tunisia	188	162	197	184	193	181	182	183	0.5
Zaire	6E	5E	5E	5E	-	-	-	-	-
Zimbabwe	597	602	592#	579	526#	547#	220#	194#	-11.8
Other Africa	57E	55E	60E	80E	75	75	65	89	36.9
AMERICA	**39518**	**42194**	**42547**	**38582**	**39445**	**42171**	**43334**	**45746**	**5.6**
Argentina	3603#	3624#	3893#	3657	2972	2680	2886	3289	14.0
Brazil	22228#	24657#	25017	20582	22617#	23934#	25207#	25747#	2.1
Chile	720	899	813	773	805	994	1069	1040	-2.7
Colombia	690	712	706	710	664	689	685	702	2.5
Cuba	402	363	432#	340#	300E	200E	90	131	45.6
Honduras	8E	10E	9E	9E	10E	10e	10e	1	-
Mexico	7642#	7779#	7851#	8726#	7964#	8435#	9199	10172	10.6
Peru	400#	463#	397	284	235#	300	225#	506	124.9
Trinidad and Tobago	368	363	347	380#	444	532	492	631	28.3
Uruguay	30	30	37	38	44	53	36	36	-
Venezuela	3297#	3165#	2942#	2997	3304	4263	3352	3411	1.8
Other America	110E	129E	103E	86E	86	81e	83	80	-3.6

28. CRUDE STEEL[1]: Production
(concluded)

(thousand tonnes)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
ASIA	**57715**	**65140**	**69794**	**74870**	**82581**	**87367**	**97319**	**99647**	**2.4**
Bangladesh	82	70	86	90	100	100	100E	100E	-
Democratic People's Republic of Korea	6730	6830	6830	7000	7000	7000	7000	6500E	-7.1
India	13121	14309	14608	14963	17100	18117	18155	18227	0.4
Indonesia	2059	1850	2303#	2892	3089	2949	3442#	3900E	13.3
Iran,Islamic Rep.	839	978	1081	1425	2203#	2937	3672	4498	22.5
Kuwait	100E	100E	100E	100E	100E	120e	110e	-	-
Malaysia	600	700	800	1100	1130	1559	1807	1850E	2.4
Pakistan	1000	1200	950	780	870	853	992	1000E	0.8
Philippines	261#	252#	400E	400E	605	497	623	640E	2.7
Qatar	492	527	585	571	564	575	620	572	-7.7
Republic of Korea	16782	19118	21873	23126	26001	28054	33027	33745#	2.2
Saudi Arabia	1365	1614	1810	1833	1783	1823	2318	2411	4.0
Singapore	441	432	495	489	510	482	520	530E	1.9
Taiwan Province of China	5915	8288	9047	9747	10973	10705	11970	11594	-3.1
Thailand	534	535	550E	600E	715#	810#	954e	1390#	45.7
Turkey	7044#	7983#	7901#	9322#	9335#	10252#	11414#	12070#	5.7
Viet Nam	70	74	85	102	183	219	270	300E	11.1
Other Asia	280E	280E	290E	330E	320E	315E	325E	320E	-1.5
EUROPE	**4367**	**4487**	**4502**	**3608**	**2295**	**1633**	**726**	**702**	**-3.3**
Yugoslavia (former)	4367#	4487#	4502#	3608#	2295	1633	726	702	-3.3
COUNTRIES IN EASTERN EUROPE	**224505**	**224418**	**219304**	**203278**	**165789**	**147467**	**127602**	**109918**	**-13.9**
Albania	137	210	205	143	28	20	19	19	-
Bulgaria	3044	2880	2899	2180#	1615#	1552#	1941	2390E	23.1
Czechoslovakia (former)	15416	15379#	15465#	14813	12071	11144#	-	-	-
Czech Republic	..	..	..	..	..	-	6776#	7085#	4.6
Slovakia	..	..	..	..	..	-	3963	3902#	-1.5
German Dem. Rep.(former)	8243	8133	7829	5587	-	-	-	-	-
Hungary	3622	3580#	3305	2962	1862	1559	1736	1924	10.8
Poland	17146	16885#	15094	13553	10432	9867	9936	11064	11.4
Romania	14962	14314#	14415#	9754#	7115#	5372	5446#	5793	6.4
USSR (former)	161935	163037#	160092#	154286#	132666	117953	97785	77741	-20.5
of which									
Kazakstan	..	..	..	..	5940	5675	4279	2840	-33.6
Latvia	..	..	..	..	373#	246#	300#	332#	10.7
Russian Federation	..	..	..	89600	77076	67003	58236	48762	-16.3
Ukraine	..	..	..	52646#	44995#	41759	32357	23793	-26.5
CHINA	**56280**	**59431**	**61430**	**66349**	**70436**	**80037**	**89453**	**91532**	**2.3**

1 Crude steel: raw form of steel measured at the first stage of solidification, except for liquid steel casting.

2 The statistical series for the former German Democratic Republic stops in 1990. This should be taken into account for the comparison of the total of countries in eastern Europe which will be lower and the total in the European Union which will be higher.

Annex. Iron-ore questionnaire

Replies

Country or area	Date of reply	A		B				C	D			E	
		A.1	A.2	B.1	B.2	B.3	B.4		D.1	D.2	D.3	E.1	E.2
Australia	24 March 95	#	#	-	-	#	-	#	#	-	#	#	#
Austria	29 June 95	#	#	#	#	#	-	#	-	#	-	-	-
Bulgaria	3 April 95	-	-	-	-	-	-	-	-	#	#	-	-
Brazil	6 June 95	#	#	#	#	#	-	-	#	-	#	#	-
Canada	13 March 95	#	#	#	#	-	-	#	#	#	#	-	-
Czech Republic	5 May 95	-	-	#	#	#	-	-	-	#	-	-	-
European Union	29 June 95	#	#	#	#	#	-	#	#	#	#	-	-
Egypt	7 March 95	#	#	#	#	#	#	#	-	#	#	-	-
Finland	19 June 95	-	#	#	#	#	-	#	-	#	#	-	-
Honduras	27 March 95	-	-	-	-	-	-	-	-	#	-	-	-
Korea Republic	14 April 95	#	#	#	#	#	#	#	-	#	#	#	-
Latvia	22 March 95	-	-	#	-	#	-	-	-	#	#	-	-
Mauritania	3 July 95	#	-	-	-	-	-	#	#	-	-	#	-
Mexico	31 March 95	#	#	-	-	-	-	-	#	#	#	-	-
Morocco	8 February 95	#	-	-	-	-	-	#	#	-	#	-	-
Norway	31 March 95	#	-	-	-	-	-	-	#	#	#	-	-
Peru	21 June 95	#	#	#	#	-	-	-	#	-	#	-	-
Slovakia	31 March 95	#	#	#	#	#	-	#	#	#	-	#	-
South Africa	5 April 95	#	-	#	-	-	-	-	#	-	-	-	-
Sweden	5 April 95	#	#	#	#	#	#	#	#	#	#	-	-
Thailand	5 April 95	#	-	#	#	#	-	-	-	#	#	-	-
Turkey	8 May 95	#	#	#	#	#	#	#	-	#	#	#	-
United States	6 June 95	#	#	-	-	-	-	#	#	#	#	#	-
Zimbabwe	15 May 95	#	#	#	#	#	-	#	-	-	-	#	#

CONTENTS: Iron ore

A. Production and production capacity

A.1. Iron production by products

A.2. Production of agglomerates by iron and steel producers

B. Consumption

B.1. Iron-ore consumption by products

B.2. Iron-ore consumption by source

B.3. Iron-ore consumption in metallurgical uses

B.4. Iron-ore consumption in non-metallurgical uses

C. Stocks

D. International Trade

D.1. Volume of exports by destination and product type

D.2. Volume of imports by origin and product type

D.3. Value of exports and/or imports

E. Production Capacity

E.1. Planned additions

E.2. Planned reductions

Note:
Burkina Faso, Guinea, Latvia, Jordan, Mali replied to the questionnaire but have no iron-ore or steel industry.

Annex. Iron-ore questionnaire

Replies (*concluded*)

Country or area	Date of reply	F.1			F.2	F.3			G.1			G.2	H		
		F.1.1	F.1.2	F1.3		F3.1	F3.2	F3.3	G1.1	G1.2	G1.3		H.1	H.2	H.3
Australia	24 March 95	#	#	-	#	#	-	#	#	-	#	-	#	#	-
Austria	29 June 95	#	-	-	-	#	#	#	-	-	-	-	-	-	-
Bulgaria	3 April 95	-	-	-	-	-	-	-	-	-	-	-	#	#	#
Brazil	6 June 95	#	#	-	#	#	#	#	#	#	-	-	#	-	#
Czech Republic	5 May 95	#	-	-	-	#	-	#	-	-	-	-	#	#	-
Egypt	13 March 95	#	#	#	-	#	#	#	#	#	#	#	-	#	#
Ethiopia	19 April 95	-	-	#	-	#	#	-	#	#	-	-	-	#	#
Finland	19 June 95	#	#	-	-	#	#	#	#	-	#	#	-	#	#
Honduras	7 March 95	-	-	-	-	#	-	-	-	-	-	-	#	-	-
Korea Republic	14 April 95	#	#	#	#	#	#	#	#	#	#	#	#	#	#
Latvia	22 March 95	#	-	-	-	#	#	#	#	#	#	#	#	#	#
Mexico	31 March 95	-	-	-	-	-	-	-	-	-	-	-	-	#	#
Moldova Rep.	10 February 95	-	-	-	-	-	-	-	-	-	-	-	#	#	#
Norway	31 March 95	-	-	-	#	#	-	-	-	-	-	-	#	#	#
Slovakia	31 March 95	#	-	#	#	#	#	#	#	#	#	#	#	#	#
Sweden	5 April 95	#	#	#	#	#	#	#	#	-	#	#	#	#	#
Turkey	8 May 95	#	-	#	#	#	#	#	#	-	#	#	#	#	#
Thailand	15 April 95	-	-	#	#	#	#	#	-	#	#	#	#	#	#
United States	6 June 95	#	#	#	-	#	-	#	-	-	-	-	#	#	#
Zimbabwe	15 May 95	#	-	#	#	#	#	#	-	#	#	-	-	-	-

CONTENTS : Iron and Crude steel

F.1. Production of Metallics

F.1.1. Pig iron

F.1.2. Sponge iron or DRI

F.1.3. Ferrous scrap generation

F.2. Production of ferro-alloys

F.3. Crude steel production

F.3.1. By process

F.3.2. By utilization

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G.1. Consumption of metallics

G.1.1. Pig iron

G.1.2. Sponge iron or DRI

G.1.3. Ferrous scrap

G.2. Average consumption of metallics per ton of steel output

H. International trade in metallics

H.1 Volume of exports of metallics by destination

H.2. Volume of imports of metallics by origin

H.3. Value of exports and/or imports of metallics